

**FRONT-TO-BACK FOCUS
SOFTWARE TECHNIQUE**



**NEWS: SHOCKING
COPYRIGHT RULING**

Saturday 11 February 2012

amateur

Photographer

FOR EVERYONE WHO LOVES PHOTOGRAPHY, EVERY WEEK!

www.amateurphotographer.co.uk

FOCUS STACKING

Amazing macro depth of field:
How it works and how to do it

LIGHTROOM 4 BETA TEST

Get a first look: great new features



ON TEST

PAGE 56

SHOOTING CITY SKYLINES

Masterclass with Tom Mackie



TECHNIQUE

PAGE 19

PERFECT CHILD PORTRAITS

Brilliant creative tips and tricks



CLOSE-UPS

PAGE 27

PAGE 45



£2.65

Visit the **α** professionals for expert advice
and access to our extensive range



Our nationwide **α** Centre of Excellence stores,
not only stock the extensive range of **α** equipment
but you'll also find the staff are knowledgeable
and enthusiastic about photography.

In fact, they're as happy to offer their advice on
taking the perfect shot, as they are talking you
through the latest **α** kit. Like the **α55** with our
Translucent Mirror Technology, capable of incredibly
rapid focusing and ultra-fast shooting responses.

Experience our **α** range for yourself
at sony.co.uk/alpha-centres



Contents

Amateur Photographer For everyone who loves photography

HOYA may well be the world's largest producer of optical glass, but it really doesn't know how to run a camera company. It's true that the photographic side of Pentax was making a loss when Hoya acquired the company in 2007, but instead of investing in new bodies and getting the brand back on track, Hoya seems to have stripped the life out of it. The 10-billion-yen sale of the Pentax camera business to Ricoh was surprising to some, as it's easy to forget that office and industrial machinery make Ricoh a very large company. I hope, and believe, that Ricoh will kick-start the K series once again and that we will see a new Pentax rising from the wastes of what it has become. Pentax is still a very

powerful brand, and it has excellent technology and cameras – the K-5 and the 645D – but it must be almost impossible to operate with such a tiny range. To be viable, the company needs at least three new DSLRs and a collection of updated lenses to support them. That takes time and money, and I hope Ricoh is prepared to give both. Pentax 'a Ricoh company' staff seem pleased by the merger, and all appear to be expecting a bright future. We need another strong DSLR player, so fingers crossed.



Damien Demolder
Editor

NEWS, VIEWS & REVIEWS

5 NEWS

Golden Wonder in photo ban fiasco; Ricoh considers K-mount lens unit; Pentax hints at new DSLR; Copyright threat surfaces after shock ruling; Epson unveils A3+ printer

10 REVIEW

The latest books, exhibitions and websites

51 CES ROUNDUP

The Consumer Electronics Show in Las Vegas has become the new launch pad for photo products as the technologies merge. *Amateur Photographer* was on hand for the latest news

90 THE FINAL FRAME

Photography can be simple, says Roger Hicks, so we shouldn't believe everything we are told by so-called experts

TECHNIQUE

14 PHOTO INSIGHT

In his first article as a Photo insight contributor, Andrew Sanderson explains how he took his fairy-tale-like image of a woodland in West Yorkshire

19 MASTERCLASS

Landscape photographer Tom Mackie guides five AP readers through the best ways to shoot urban skylines using the shapes and lines of a city. Oliver Atwell joins them

TESTS & TECHNICAL

41 TESTBENCH

Sony CLM-V55 5in monitor and Phlib Original magnetic photo frame

P45

Find out how to take great focus-stacked images



RICHARD SIBLEY

42 ASK AP

Our experts answer your questions

45 AP GUIDE TO... FOCUS STACKING

Maintaining sharpness with a shallow depth of field is a problem that all macro photographers face. However, there is a solution: focus stacking. Richard Sibley explains how it works

56 ADOBE PHOTOSHOP LIGHTROOM 4 BETA

With built-in book creations, more localised adjustments and geotagging tools, Lightroom 4 could be the best version yet. Richard Sibley explores the first beta test version

59 WESTCOTT SPIDER TD6 2-LIGHT WINDOW LIGHT KIT DELUXE

Andrew Sydenham tests a powerful lighting system that could be a dream come true for photographers with a sizeable budget

60 OPTICAL DESIGN

AP's photo-science consultant Professor Bob Newman looks at how a good-quality lens is created

THE AP READERS' POLL

IN AP 21 JANUARY WE ASKED...

Is your camera a photography spanner?



YOU ANSWERED...

A I only want a good tool	78%
B I wish it wasn't such a spanner	4%
C I'd accept worse handling for good looks	1%
D I have some spanners and some lookers	17%

THIS WEEK WE ASK...

Do you think the Ricoh buy-out will be good for Pentax?

VOTE ONLINE www.amateurphotographer.co.uk

YOUR WORDS & PICTURES

12 LETTERS

AP readers speak out on the week's issues

13 BACKCHAT

AP reader David Askham wonders how much longer famous photographic names such as Kodak can avoid being consigned to history

32 READER SPOTLIGHT

Another selection of superb reader images

38 APPRAISAL

Damien Demolder examines your images, offering words of wisdom and constructive advice

FEATURES

27 IT'S ALL IN THE DETAILS

Portrait photography isn't just about photographing your subject in its entirety. Tracey Clark explains how by focusing on details, it's possible to create dynamic images. She talks to Gemma Padley



© TRACEY CLARK

P27

Try focusing on the details when taking portrait shots

HOW TO HAVE YOUR PICTURES PUBLISHED IN READER SPOTLIGHT Send in a selection of up to ten images. They can be either a selection of different images or all have the same theme. Digital files sent on CD should be saved in a Photoshop-compatible format, such as JPEG or TIFF, with a contact sheet and submission form. Visit www.amateurphotographer.co.uk/spotlight for details. We cannot publish images without the necessary technical details. Each RGB image should be a minimum of 2480 pixels along its longest length. Transparencies and prints are also accepted. We recommend that transparencies are sent without glass mounts and posted via Special Delivery. For transparencies, prints or discs to be returned you must include an SAE with sufficient postage.

HOW TO CONTACT US Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU **AP Editorial Telephone:** 0203 148 4138 **Fax:** 0203 148 8123
Email: amateurphotographer@ipcmedia.com **AP Advertising Telephone:** 0203 148 2516 **Email:** mark_rankine@ipcmedia.com **AP Subscriptions Telephone:** 0844 848 0848
Email: ipcsubs@quadrantsubs.com **AP test reports Telephone:** 01707 273 773 www.testreports.co.uk/photography/ap

SIGMA



PHOTOGRAPH © ROSS HODDINOTT
WWW.ROSSHODDINOTT.COM



SIGMA
120-400^{mm}
F4.5-5.6
APO EX DG OS HSM



SIGMA
150-500^{mm}
F5-6.3
APO EX DG OS HSM

Two optically stabilised telephoto zoom lenses compatible with digital SLRs.

These lenses are primarily designed for extreme telephoto work but reveal their additional strength when taking close up shots. Both lenses benefit from Sigma's Optical Stabilisation system which allows shutter speeds up to 4 stops slower than would otherwise be possible. SLD (Special Low Dispersion) coated glass effectively corrects chromatic aberrations and the Super Multi Layer Coating reduces flare and ghosting. The HSM (Hyper Sonic Motor) provides silent, responsive autofocus action and full time manual focus override.

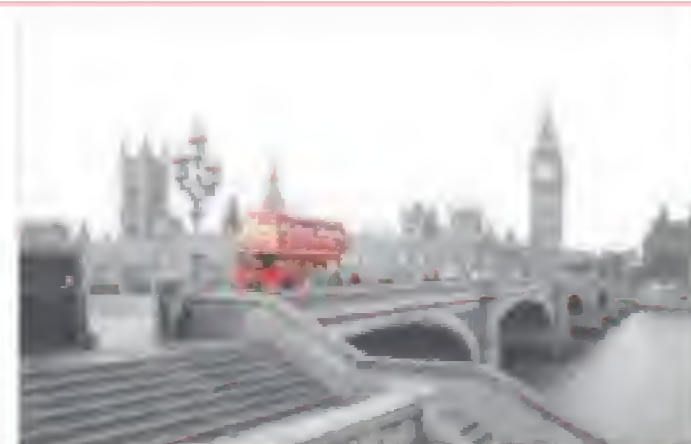
SIGMA
3 YEAR UK WARRANTY
For registration and conditions log on to
www.sigma-imaging-uk.com/warranty

For Sigma, Canon, Nikon, Sony and Pentax. Supplied with fitted padded case, petal type hood and TS-31 tripod collar.

Sigma Imaging (UK) Ltd, 13 Little Mundells, Welwyn Garden City, Hertfordshire, AL7 1EW | Telephone: 01707 329 999 | Email: sales@sigma-imaging-uk.com | Website: www.sigma-imaging-uk.com

APNews

News | Analysis | Comment | PhotoDiary 11/2/12



The judgment should be studied by anyone imitating an existing photograph

Shock copyright ruling, page 7

Snack maker in security crackdown • 'Exploding crisps' danger?

GOLDEN WONDER IN PHOTO BAN FIASCO

AP RIGHTS WATCH
Committed to defending your photographic rights!

A SECURITY firm has been branded a laughing stock after two guards banned a photographer from taking pictures of a crisp factory.

Golden Wonder was forced to apologise after the officials prevented the photographer from taking photos of its factory in Scunthorpe, North Lincolnshire.

During the confrontation the photographer made it clear he was on a 'public footpath'.

'I was stood on the road outside the site when a security officer approached,' the photographer wrote on visitscunthorpe.com, using the name 'Hamst'.

The photographer – who was taking the pictures for a project on local industry – was later ordered to delete any images he had taken.

In a video of the incident (see top right), which took place on 17 January, the photographer is told – incorrectly, it seems – that the police had been called. The video has since been watched more than 100,000 times on YouTube.

During the six-minute movie, a security guard is heard to say: 'You are not allowed to take photos of their [Golden Wonder's] company.'

Moments later the guard fetches a supervisor, who tells the photographer: 'You are breaking the law – taking photos of company buildings. You are not allowed to do that by law. It's a private company – you are not allowed to take photos of it.'

Golden Wonder management told the



The BBC asked AP to contribute to its coverage (above). MP Austin Mitchell blamed poor security guard training

BBC's *Look North* programme they were sorry for the way the guards behaved and that they had resigned.

However, Kingdom Security Ltd, whose officers patrol the Golden Wonder plant, has refused to comment publicly, or confirm whether the two officers in question have left their jobs. This is despite repeated calls and emails made to their head office by AP over several days.

In the BBC TV programme, broadcast on 23 January, AP news editor Chris Cheesman (pictured above) said: 'The security guards appeared to treat the Golden Wonder factory as some sort of secret military installation.'

Local MP Austin Mitchell also branded the entire incident as laughable.

'Guards don't have the power to stop anyone taking photographs in a public place...' said the MP for Great Grimsby,

who is a keen photographer and campaigner on photo rights.

He told *Look North*: 'The whole business is comic rather than dangerous... It could be there had been security allegations and that Golden Wonder is in fact producing exploding bags of crisps which could be dropped on enemy lines – so that in a war they could be used as a secret weapon.'

Mitchell blamed poor training for the guards' ignorance of the law. 'The firms that employ them [security guards] need to make clear what they can and can't do, and that people have a right to take photographs. All it takes is a bit of common sense.'

'The photographer was right to assert his rights... Unfortunately, they [the guards] lost their temper and it became very funny.'

Tayto Group, which owns the Golden Wonder brand, declined to comment when approached by AP.

Last year, photographers welcomed guidance aimed at private security guards that was introduced to target such overzealous behaviour. The guide, *Photography and Hostile Reconnaissance*, was drawn up by the British Security Industry Association (BSIA), with input from the UK Government and counter-terrorism officials following months of talks between the Home Office, police and photography rights campaigners, including AP.

The BSIA's 570 members represent 75,000 security officers nationwide.

However, Kingdom Security Ltd, which is based in St Helens, Merseyside, does not belong to the BSIA, according to the association's website.

SNAP SHOTS

● General Imaging says it wants to focus on higher end compact cameras in 2012 as smartphones hit the lower end market. This month the firm is set to release the £150, 14-million-pixel Power Pro G100 'bridge' camera, with features such as multiple exposure, HDR and a 3in LCD screen. Asked if it would consider venturing into the compact system market, a spokesman said the firm would 'not rule anything out', although he said this would be a 'quantum leap'. Speaking at the Consumer Electronics Show in Las Vegas, the firm said it plans to raise its profile.

● Olympus has reacted to reports that it is poised to sell up to 30% of its shares to Sony. According to the Japan newspaper *Nikkei*, Sony has offered to take a 20-30% stake in Olympus. In a statement, Olympus said: 'Certain sections of the media have reported regarding capital alliance or business alliance on Olympus Corporation [sic], which is not announced by the company.'

RICOH CONSIDERS K-MOUNT LENS UNIT

RICOH may launch a Pentax K-mount version of its GXR system, as well as a variable-angle LCD monitor.

Speaking to AP at CES in Las Vegas, Ricoh's Digital Camera business development

manager Keisuke 'Keith' Minagoshi told AP that a K-mount module or adapter was 'still under discussion'.

Ricoh also confirmed that 'some suppliers' of parts for the GXR were badly hit by last

year's Thailand floods and production has not yet returned to normal.

Ayumi Saito, from the group's marketing division, said the firm has raised production since, but would not reveal current levels.

Do you have a story?

Contact Chris Cheesman
Tel: 0203 148 4129
Fax: 0203 148 8130
amateurphotographer@ipcmedia.com

A week of photographic opportunity

PHOTO DIARY

Wednesday 8 February

EXHIBITION Over the Parched Field by Akiko Takizawa, until 1 March at Daiwa Foundation Japan House, London NW1 4QP. Tel: 0207 486 4348. Visit www.dajf.org.uk. **EXHIBITION** Landscape Photographer of the Year, extended until 18 February at the National Theatre, South Bank, London SE1 9PX. Tel: 0207 452 3400. Visit www.take-a-view.co.uk.



© ALAN BODDUM

Thursday 9 February

EXHIBITION An Alternative View by John Irwin, until 20 March at the Liberal Jewish Synagogue, London NW8 7HA. Tel: 0207 286 5181. Visit www.ljs.org. **EXHIBITION** RPS 154th International Print Exhibition, until 16 March at The Civic, Barnsley, West Yorkshire S70 2HZ. Tel: 01226 327 000. Visit www.barnsleycivic.co.uk.

Friday 10 February

EXHIBITION Field Work: Photographs From East Anglia by Justin Partyka, until 22 April at Museum of English Rural Life, University of Reading, Berks RG1 5EX. Visit www.reading.ac.uk/merl. **DON'T MISS** Snowdrop Days, until 29 February (11am-4pm) at Chirk Castle, Wrexham, Wales LL14 5AF. Tel: 01691 777 701. Visit www.nationaltrust.org.uk.



© JUSTIN PARTYKA

Saturday 11 February

EXHIBITION Yul Brynner: A Photographic Journey features photos by the actor, until 11 February at The Little Black Gallery, London SW10 0AJ. Tel: 0207 349 9332. Visit www.thelittleblackgallery.com. **EXHIBITION** Works on Memory by Daniel Blaufuks, until 25 February at Ffotogallery, Penarth, South Wales CF64 3DH. Tel: 029 2070 8870. Visit www.ffotogallery.org.

Sunday 12 February

EXHIBITION Early British Photographs from the Royal Collection by Roger Fenton and Julia Margaret Cameron, until 1 April at Royal Albert Memorial Museum, Exeter, Devon EX4 3RX. Tel: 01392 665 858. Visit www.rrammuseum.org.uk. **DON'T MISS** Jorvik Viking Festival, until 19 February at Coppergate, York, North Yorkshire YO1 9WT. Tel: 01904 615 505. Visit www.jorvik-viking-centre.co.uk.

Monday 13 February

EXHIBITION Richard & Famous, by Richard Simpkin and Simone Lueck, (curated by Martin Parr), until 18 March at Open Eye Gallery, Liverpool L3 1BP. Tel: 0151 236 6768. Visit www.openeye.org.uk. **EXHIBITION** Work and Performance by Sandra Lousada, until 20 May at the National Portrait Gallery, London WC2H 0HE. Tel: 0207 306 0055. Visit www.npg.org.uk/press.

Tuesday 14 February **LATEST AP ON SALE**

EXHIBITION Vivid Nature by Kirsty Lathangie and Lisa Macphie, until 23 February at FotoSpace Gallery, Glenrothes, Fife KY7 5NX. Tel: 01592 611 101. **EXHIBITION** Exemplar: Joy Division by Kevin Cummins, until 26 February at Manchester Photographic Gallery, Manchester M1 2FF. Tel: 0161 236 2446. Visit www.manchesterphotographic.com.

Pentax pledges to extend DSLR line-up

PENTAX HINTS AT NEW DSLR

PENTAX seems poised to launch a new DSLR, but there appears to be no sign of a new 'Q' compact system camera on the horizon.

Pentax Imaging general manager Jonathan Martin said he sees the CSC as a benefit to the market as a whole.

But he added: 'We also see a good opportunity in consumer DSLRs... We have less competition in this market... There are clear areas we can develop.'

Commenting on the DSLRs Pentax currently makes, Martin told AP: 'We have the K-5, the K-r, nothing in the middle and nothing above it.'

He stressed that a full DSLR range is important but remained tight-lipped when asked whether we can expect a full-frame camera.

Speaking at the recent Consumer Electronics Show (CES) in the United States, he said photographers can expect 'exciting' news in the coming weeks as Ricoh pledges to invest in areas such as new products and 'brand awareness'.

Ricoh snapped up Pentax last year in a move that was expected to see Ricoh manufacture Pentax-branded, interchangeable-lens cameras and optics.

The deal was reported to be worth around £78 million.

Martin said Ricoh has indicated that it plans to expand Pentax's camera business and re-hire engineers that Hoya dispensed with during its tenure of Pentax's imaging division.

'We are going forward and will be a



Pentax admits there is a gap between the K-r (above) and K-5, but would not be drawn on upcoming models ahead of CP+

different company in a year's time – guaranteed,' said Martin.

Yet he stressed that, just because the CSC market may pose a greater threat to lower-end DSLRs, this doesn't automatically mean Pentax is set to launch a high-end DSLR.

Meanwhile, he moved to reassure photographers that the Pentax name will continue in the wake of the brand's sale to Ricoh last year.

'Saying that the Pentax brand name will disappear is very wide of the mark... The Pentax name continues.'

Pentax plans to attend the CP+ Camera & Photo Imaging show in Japan, so it is likely the firm will announce new products there.

The event takes place from 9-12 February in Yokohama.

SCIENCE MUSEUM GALLERY WORK STARTS SOON

BUILDING work on the long-awaited photography gallery at London's Science Museum is due to start in March.

The National Museum of Science and Industry (NMSI) is inviting contractors to apply for the 'Science Museum Media Space Enabling Works', which will involve 'reconfiguration' of four existing galleries on the second floor of the South Kensington museum.

The three-month contract, effective from 30 March, will also entail 'demolition of existing walls and removal of existing steel mezzanine structure', according to an online contracts finder service, details of which were published on the British photographic history

website. A deadline date of 10 February has been set to apply for the work, which is expected to last until '06/07/2012'.

The gallery, due to open in 2013, is expected to include space for workshops as well as exhibitions. It is backed by the National Media Museum (NMM) in Bradford, which wants to create a London presence.

The NMM told AP that it has so far spent £500,000 on the £4 million project.

A spokesman added: 'We are still fundraising and have a number of interested parties. Our current funding includes monies from corporate funders, private donations, trusts and foundations as well as core funding from NMSI.'

SNAP SHOTS

● As we went to press, AP learned of the death of Michihiro Yamaki, the CEO of Japanese camera and lens maker Sigma. Yamaki founded Sigma in September 1961, developing a rear-attached lens converter. He died on 18 January, aged 78.

● More than £8,000 in prizes is up for grabs in a competition to raise funds for a cancer charity. The Renaissance Photography Prize 2012 has five categories: Expression, Environment, Memory, Perspective and Disorientation. It has raised more than £160,000 for Lavender Trust at Breast Cancer Care. Visit renaissancephotography.org.



Do you have a story?

Contact Chris Cheesman
Tel: 0203 148 4129
Fax: 0203 148 8130
amateurphotographer@ipcmedia.com



To keep up to date with all the latest photography news on the AP website, scan this symbol with a QR code reader on your mobile phone, iPad or iPod.

Judge's controversial decision triggers heated debate online

COPYRIGHT THREAT SURFACES AFTER SHOCK COURT RULING



PHOTOGRAPHERS who compose a picture in a similar way to an existing image risk copyright infringement, lawyers have warned following the first court ruling of its kind.

UK souvenir maker Temple Island Collection Ltd has won a landmark ruling against New English Teas Ltd, which it had accused of breaching copyright by using a photo of a London bus on its packaging.

Welcoming the news, Temple Island Collection's managing director Justin Fielder – who shot the image in August 2005 and then manipulated it using Photoshop – said: 'As creator of the Red Bus image, and originators of the product concept, we gave New English Teas the opportunity to license with us and work collaboratively, but this was declined.'

The case, heard at the Patents County Court in London on 12 January, could have serious implications for photographers, according to photographic copyright expert Charles Swan, a lawyer at Swan Turton, who said: 'His Honour Judge Birss QC decided that a photograph of a red London bus against a black & white background of Big Ben and the Houses of Parliament, with a blank sky, was similar enough to another photograph of the same subject matter to infringe copyright.'

He added: 'The decision is perhaps surprising, given the commonplace subject matter of the photographs.'

'The judge himself admitted that he found it a difficult question, but in the end he decided that a substantial part of photograph one [Temple Island's image] had been reproduced in photograph two [New English Teas].'

Swan warned: 'The Temple Island case is likely to herald more claims of this kind. The judgement should be studied by anyone imitating an existing photograph or commissioning a photograph based on a similar photograph.'

"Inspiration" and "reference" are fine in themselves, but there is a line between copying ideas and copying the original expression of ideas, which is often a difficult one to draw.'

Although, in the past, the cost of such court actions has made them 'uneconomic to pursue', this is all about to change, added Swan.

'The UK Government has accepted a recommendation in the Hargreaves Report that the Patents County Court... should operate a small claims procedure for intellectual property claims under £5,000.'

While the photographs are not identical,

Temple Island Collection photo



The fact Justin Fielder had used Photoshop played a key role in the copyright victory

New English Teas photo



The judge decided that New English Teas had copied a substantial part of the image

the judge ruled that Fielder's composition of the image, to include such features as the 'visual contrast' of the bright red bus and monochrome background, were the photographer's 'intellectual creation'.

Philip Partington, an intellectual property expert at law firm McDaniel & Co, added: 'The action for copyright infringement was the second made by Temple Island Collection against New English Teas.'

'Action was first taken in 2010 on discovering a range of products by New English Teas showing a red bus design, which Temple Island Collection and their lawyers felt was a copy of their famous image.'

In an interview with AP on 26 January, Fielder said that his Photoshop manipulation of the image played a 'key part' in the

copyright victory: 'It was the artistic element that got us over the line... That made it more original than just taking a photo.'

Expressing his relief after a 'long battle', Fielder added that, owing to the previous case against New English Teas, he was able to prove that the firm had seen the red bus image at the centre of the legal action.

But in a further possible twist, Nicholas Houghton, the owner of New English Teas, which is based in Coventry, told AP on 25 January that the legal process was ongoing.

'We can't comment, I'm afraid,' he said.

In a follow-up phone call, the firm declined to say whether it plans to appeal the decision and refused to discuss the matter further.

To read the full ruling, visit www.amateurphotographer.co.uk.

AP
THIS
WEEK
IN...

1936

This week in 1936, AP advised readers to be on the lookout for a bargain box camera and ran a feature on the now 'obsolete devices'. However, the journal stressed that 'though out of date, they are not extinct. There are hundreds about and they can be bought at a quarter of their original price, or even less. Many of these are not worth buying at any price, but others are well worth picking up and using.' Box cameras bring photography 'within reach of all of us,' continued AP, adding that they take 'cheap and popular' rollfilm that delivers 'double' the image area of a 3½x2¼ film negative.



SNAP SHOTS

● Image-enhancement software specialist DxO has added four new cameras to its list of compatible models. DxO Optics Pro v7.2 supports the Panasonic Lumix DMC-G1, G2 and GF3, as well as the Canon PowerShot S100. For details visit www.dxo.com.

● Panasonic has added a new 16.1MP model to its S-series in the shape of the Lumix DMC-S5, which carries a 28-112mm equivalent zoom, plus Mega OIS and HD movie option. The S5 is due on sale this month. A price had not been announced at the time of writing.

Photo printer with Wi-Fi connectivity

EPSON UNVEILS NEW A3+ PRINTER

EPSON is to debut a Wi-Fi-enabled A3+ printer called the Stylus Photo 1500W.

'Not only does it make life easier when printing from mobile devices, but it also gives users the freedom to position the printer wherever they want in their home or office,' said Epson UK product

manager Simon Hanly.

The Epson 1500W uses a six-colour, dye-based ink set, boasts a minimum droplet size of 1.5pl and is claimed to print at a resolution of up to 5760x1440dpi. It is due to go on sale in March, price £349.99.

See AP 25 February for a full test.



BBC USES EOS 7D ON ROAD TRIP

A BBC crew used a Canon EOS 7D DSLR to record a road trip from San Francisco to the Consumer Electronics Show (CES) in Las Vegas last month.

BBC Technology correspondent Rory Cellan-Jones spoke about the project to AP while queuing to register for entry to CES.

Rory explained how his cameraman Steve Adrain had attached the 7D to their car's dashboard after visiting software companies in Silicon Valley, California, before heading to Nevada.

'[Steve] set it to take a still every six seconds as the sun set over the freeway south,' Rory wrote in his blog published the next day. 'He left it on a fixed aperture, so that as the light faded, the exposure got ever longer. Jonathan [Sumberg – the producer] and I got rather impatient with the constant clicking for four hours, especially when it continued through our rest-stop at a fast-food outlet. But I think you



will agree that the resulting time-lapse sequence is pretty stunning.'

The BBC man added: 'It set us talking about what has happened in camera technology in recent years. You can now capture HD video on a whole range of devices – from the top-end broadcast cameras through digital SLRs right down to smartphones. And the gap in image quality between a £10,000 camera and a £250 one has got a lot smaller.'

It seems the BBC has also been experimenting with Sony's NEX-5N compact system camera for shooting video.

To view the 7D video, visit www.bbc.co.uk/news/technology-16467407.

CLUBNEWS

Club news from around the country

GRIMSBY PHOTOGRAPHIC SOCIETY

The society will stage its annual show from 9-24 March at Grimsby Central Library, Town Hall Square, Grimsby, North East Lincolnshire DN31 1HG. Tel: 01472 323 600. Visit www.grimsbyphotographicsociety.co.uk.

GUILDFORD PHOTOGRAPHIC SOCIETY

A club workshop on digital workflow is due to take place on 7 February (8pm-10pm). It will address areas such as levels, 'colour casts' and sharpening. Meetings take place at Burpham Village Hall, Guildford, Surrey GU4 7LP. Visit www.guildfordphotosoc.org.uk.



Do you have a story?

Contact Chris Cheesman
Tel 0203 148 4129
Fax 0203 148 8130
amateurphotographer
@ipcmedia.com

HOW DO YOU KNOW IT'S THE RIGHT MEMORY CARD?

Because you chose the No.1 name in memory.

Samsung Memory has been No.1 since 1992, and no one has shown better performance or reliability than the engineers of Samsung memory. This year is no different. We've developed a special 3 proof technology system for advanced protection from water, shock and magnetization. With proven experience for 19 consecutive years, Samsung memory delivers the highest level of performance with unmatched style. **Tune up your digital life.**



Introducing Samsung's new and class 10 memory card with faster data transfer speeds of 24MB/s.

www.samsung.com/memorycard



SAMSUNG

APReview

The latest photography books, exhibitions and websites. By Oliver Atwell



BOOK

Painterly Plants

By Claire Foster and Sabina Rüber, Merrell, £25, hardback, 160 pages, ISBN 978-1-8589-4555-2



STILL-LIFE imagery has long been a staple of artistic expression and it's one that is still going strong today. In this book, garden expert Clare Foster takes a look at some of the world's most beautiful flowers. Yet as interesting as Foster's text is (particularly her analysis of each flower's artistic history), the real point of interest for AP readers here is Sabina Rüber's lovely flower photographs. Rüber's images explore and drink in the intricate yet delicate structure of each flower, and the colours are beautifully reproduced on the page. So while there is no technical information to help you out with your own images, the pictures are more than enough to get you inspired.

© SABINA RÜBER

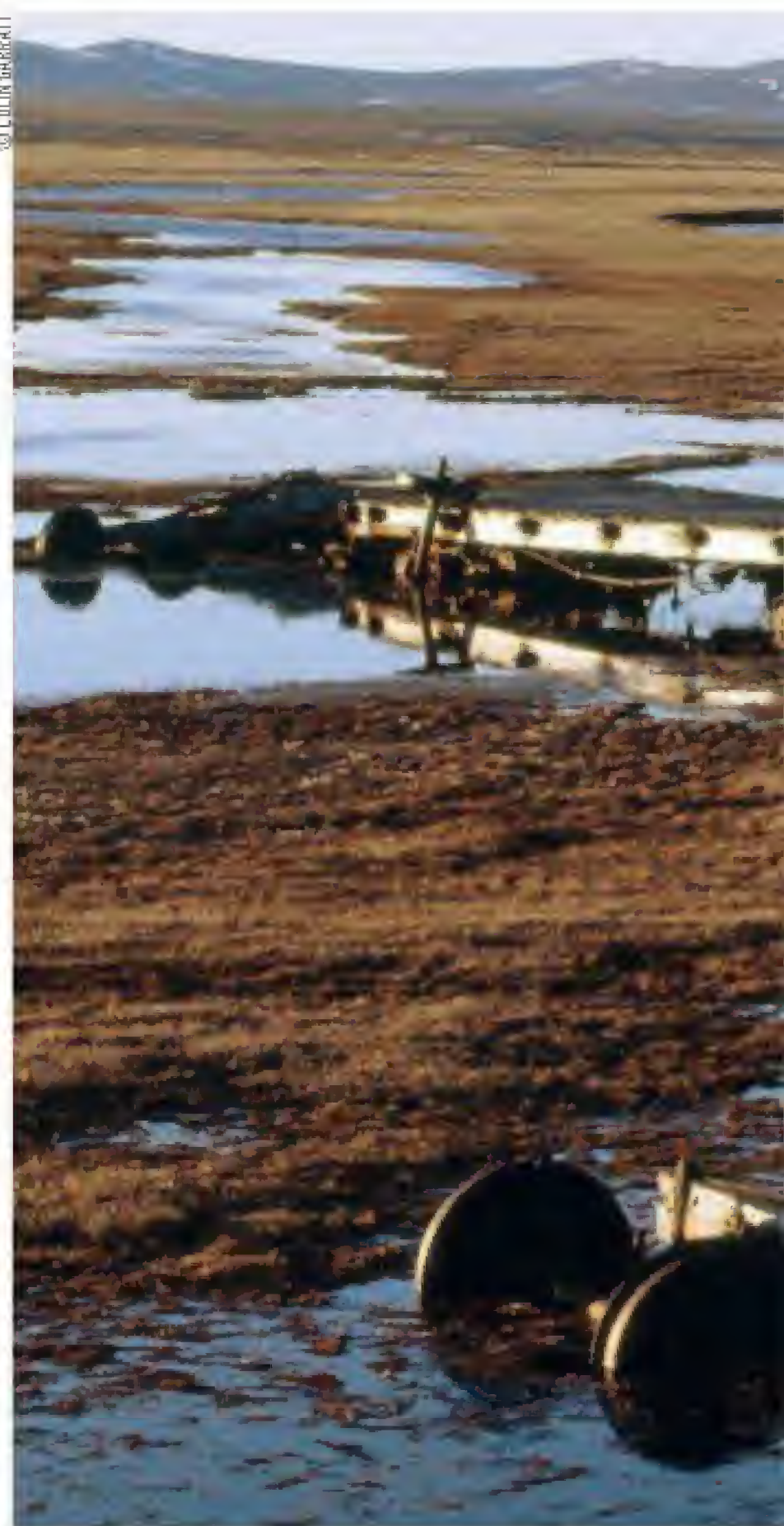


BOOK

The World's Last Working Steam Locomotives

By Colin Garratt, Milepost, £30, hardback, 224 pages, ISBN 978-1-900193-70-2

© COLIN GARRATT



EXHIBITION

Mark Power - The Sound of Two Songs

Until 24 March. Impressions Gallery, Centenary Square, Bradford, West Yorkshire BD1 1SD. Tel: 01274 737 843. Website: www.impressions-gallery.com. Open Tues-Fri 11am-6pm, Sat noon-5pm. Admission free

PRODUCING a photographic survey of a nation is no walk in the park. Attempting to contain the spirit of a people within a series of images is surely going to fall short somewhere. That is, unless you're photographer Mark Power, an artist who has taken a purely subjective and movingly personal approach. This is Poland through his eyes. The project began in 2004 when Magnum Photos embarked on a project to document the countries joining the

European Union that year. Despite having no ancestral link to the country, Power had always been fascinated by Poland and set about documenting it through his images. Joining Power was Polish-born photographer Konrad Pustola, who helped him understand the inherent beauty of the land. It all amounts to a project that contains traces of portraiture, intervention and landscape, and one that requires an entry in your events diary.

© MARK POWER/MAGNUM PHOTOS





COLIN Garratt has spent a lot of his life documenting the demise of the steam train. He has

travelled the world photographing the few remaining behemoths of a once-thriving industry. Steam locomotives go hand-in-hand with the notion of human progress and man's expansion throughout the world. There are around 300 photographs in this book and each one shows just how much Garratt cares about his subject. The interesting contrast here is that, rather than shooting film in order to continue the theme of tradition, he uses digital technology. While



the limitations of the equipment may mean the quality of the images is not quite up to scratch, it doesn't detract from the good intentions of the book.



WEBSITE

www.fineartphotoblog.com



WE'VE featured a few fine-art blogs in AP before, and it can often be difficult to find any kind

of distinguishing features between each of them. However, this one, despite its rather obvious name, stands out from the crowd. The site is designed to be, in its own words, one part fine-art photography gallery, one part blog and one part search engine. The site consists of seven photographers. Each of those photographers publishes an image on a given day, meaning that every photographer produces an image a week. Users are then free to peruse the website



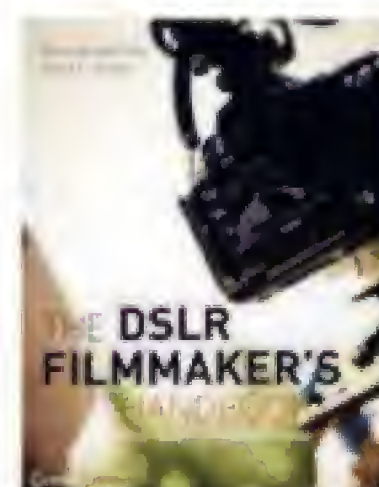
and buy anything that takes their fancy. However, the site has also recently opened its door to guest contributors, so if you fancy putting your work out there, it may be worth visiting this site.

CONDENSED READING

A round-up of the latest photography books on the market



● **TOKYO TAXI** by Alexander James, £9.95 This wonderful little oddity takes as its subject the hundreds of unique illuminations that adorn the tops of Tokyo taxis. It may seem like a nothing subject, but it's difficult not to be a little mesmerised by these signs. Some of the images are accompanied by small insights and stories from the drivers that are genuinely fascinating. ● **PRACTICAL HDR** by David Nightingale, £14.99 To some, high dynamic range is a great tool for bringing out the hidden character of a scene. To others, it is a technique that should be put on trial for crimes against photography. Regardless of your opinions, it can't be denied that this book is a definitive guide to the art of HDR. ● **THE DSLR FILMMAKER'S HANDBOOK** by Barry Andersson and Janie L Geyen, £33.99 More and more filmmakers are using DSLRs to capture moving images, and this extensive guide is going to be of huge benefit to anyone looking to do the same. It's a fantastic read and most definitely one of the best books of its kind on the market.



● **CRAZY PHOTOGRAPHY** by Diane Routex, £14.95 Picture the scenario: you're at a party and your friend is introducing you to other people. After much handshaking you finally get to the loud-mouthed young waif who's wearing a beanie hat despite the fact that you're indoors with the central heating on full-blast. She tells you her name (Crystal or Pookie) and then proceeds to flap her arms around and describe just how crazy she is. The final straw is when she asks you your star sign. You down another can, turn on your heels and leave a man-shaped hole in the front door. That woman is this book. It probably would have been better as a website.

Letters

Share your views and opinions with fellow AP readers every week

LETTER OF THE WEEK

Wins a 20-roll pack of 36-exposure Fujifilm Superia ISO 200 35mm film or a Fujifilm 4GB media card*



FUJIFILM

DO ANYTHING YOU WANT TO DO

I would like to point out to the anonymous letter writer in AP 21 January that when you're taking pictures at concerts, there is the (very rare) occasion when security staff don't always get their own way.

I attended a Thin Lizzy concert in 1978 at Newcastle City Hall. Prior to the gig I had phoned the venue and been told that taking photos was permitted. I took along my Praktica L2 and a 200mm lens – hardly 'professional' kit. I was seated a couple of rows from the front of the stage and when I began taking pictures a security guard yelled in my ear that photos weren't allowed. I explained I'd been told that they were.

He came back, stood behind me and yanked on my camera strap. The camera whacked me in the mouth. Ouch! Suddenly, Thin Lizzy front man, the late, great Phil Lynott, stopped the show. He'd witnessed the incident and in his wonderful Irish accent gave that thug a real dressing down.

After calling him a 'meathead', he shouted, 'It's *moi f****** band and oi say he can take all the pictures he wants!' The bouncer crept away thoroughly humiliated. Phil called out, 'You all roight, Geordie?' I gave him a wave and the band crashed back into life amid a huge round of applause.

Sore mouth aside, it was a wonderfully satisfying moment. I got all the shots I wanted, but made sure I avoided that bouncer on the way out. Best of all, in the foyer a member of the Thin Lizzy team stopped me and handed me a free band T-shirt courtesy of Phil Lynott.

I'd often seen Thin Lizzy deliver a show-stopping performance, but if Phil hadn't – quite literally – stopped the show that night, I shudder to think what my fate may have been at the hands of that bouncer. What a gent!

Mick Bidewell, Tyne & Wear

You were very lucky to come away with any teeth! Praktica L2s generally do not taste very good and they are extremely hard –
Damien Demolder, Editor

Write to...

'Letters' at the usual AP address (see page 3) fax to 020 3148 8130 or email to amateur photographer @ipcmedia.com

*Please indicate whether you would like to receive Fujifilm film or a memory card (please state type preferred) and include your full postal address

Backchat

Send your thoughts or views (about 500 words) to 'Backchat' at the usual AP address (see page 3). A fee of £50 will be paid on publication

PRIESTS ARE HUMAN TOO

I had a good chuckle at your response to my letter (AP 28 January) concerning photography in churches – nothing better highlights the inadequacy of my amateur skills than the fact that you can capture an image of God with your camera, and I cannot with mine. I must resolve to do better...

I can't comment on Rachel Cheer's experience (AP 10 December) because I wasn't there. The point that I was trying to make is that your right to take photographs in a church ends at the point where church officials say, 'No.' And that the church officials are more likely to say 'Yes' if you are polite and well behaved. However, priests are human beings, too, and even they can have an off day.

You are right that professional wedding photography during a service must be done discreetly. In fact, being considerate, respectful and discreet are important parts of being a truly professional wedding photographer. Unfortunately, there are far too many examples of really quite unacceptable behaviour – such that it is God who is in danger of being elbowed out of some of the services.

It is not as if photography is entirely banned. There are plenty of opportunities to take photographs: before the bride advances along the aisle, and after the vows, for example. Just not mid-service. If you really want a photograph of the happy couple with the vicar, then he is usually quite happy to pose. – just so long as you were not the one who was running up and down the aisles and through the chancel, flashgun blazing, and screaming, 'Hold that pose!' If you did do that, particularly during the service, then the vicar and wardens are certain to have something to say to you.

David Price, West Midlands

A FROSTY START

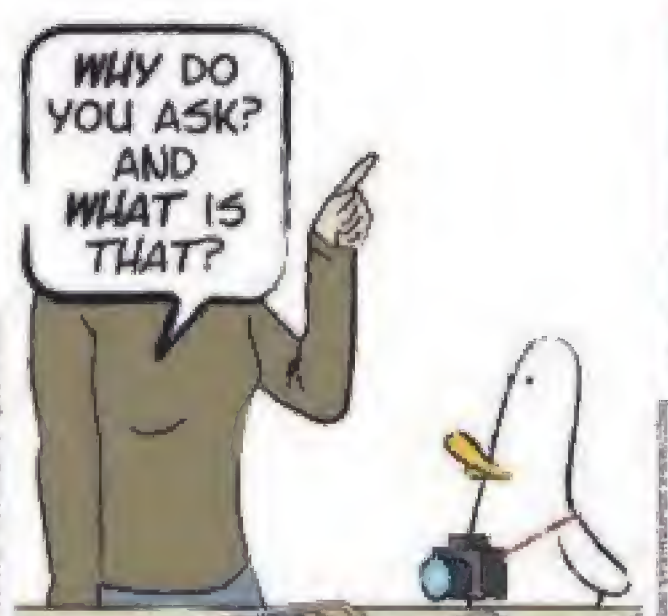
It is all too tempting on these cold frosty mornings to snuggle down in bed and wait until the day warms up. However, if you are a keen amateur photographer – and if you are reading this magazine you must be – you will miss some wonderful photographic opportunities by staying in bed. My neighbours are used to seeing me going around the garden at first light, clad only in my dressing gown!

I find the best time to take my shots is just before any bright direct sunlight hits the subject I am to photograph, for unless you work quickly the direct sun soon burns off the frost killing your intended plans. Admittedly, the sun may give a sparkle to the subject but, as I have said, you will need to work quickly. If you really do need more light than is available, a burst of flash could be the answer.

Keith Hughes, Surrey

I would be inclined to get dressed first, Keith. Unless that's a Stealth Gear dressing gown you have
– Damien Demolder, Editor

What The Duck



<http://www.whattheduck.net/>

A PHOTO PROTEST

As someone who is discovering his take on photography is leaning towards landscapes, I have created the image (right) in less than five minutes (it's not that good, and the bottom half is fake) as my protest to all of those who think it is acceptable to intentionally try to pull the wool over our eyes.

While I have no problem using Photoshop, I find it belittling to all of us who go out and try to capture a shot only to find that some are very apt at using this program and try to trick us into thinking that their reflections are real. I have, and use, Photoshop – without a photo program a 'straight from the camera image' can look very flat – but I do not sit back and reap the praises of others who are led to believe it's a true photograph. I understand and agree that we all have every right to be creative and artistic, and nobody has the right to limit what can be achieved using Photoshop, but if you are going to add a massive big lake, reflections, ripples, and so on to your image, at least have the courage to admit it. I think the days of the photograph have gone and the norm is now to see who is the most creative using photo software.

Martin Hollingworth, Derbyshire

**MORE SUITED TO VEG**

I was in a well-known electrical dealer's recently and overheard a customer asking for a digital compact. It was for her daughter who wasn't with her, but who'd specified the exact model she wanted. In her exact words, this lady knew 'sod all' about cameras and wanted simply to pay for the one she'd requested and then be on her way.

I listened to the store assistant's sales patter, which had the lady's (as well my) head spinning. He tried (in vain) using baffling – and occasionally inaccurate – technical details to interest her in another model that boasted more megapixels and features. As it was £90 more expensive, the assistant – presumably with an eye on a bigger commission – continued in his quest to win the lady over.

Despite her making clear her spending limit, as well as the actual camera she wished to buy, she was shown a model priced way beyond her budget and even told that her daughter's choice was a bit 'out of date'. The would-be customer accused the assistant of baffling her with science before walking out. I resisted the urge to tell the assistant that it had served him right.

Now how simple could it all have been? A customer walks into a store and informs the staff exactly which camera she wants. So why burden her with boring technical details about another model – and particularly when the camera wasn't for her own use, anyway? The result should have been a happy customer and a sale for a store that, like so many others, is struggling to survive.

As for store assistants selling digital cameras who try to improve their sales by

promoting the old 'the more megapixels, the better' argument, they ought to be selling vegetables, not cameras!

Adam Irving, Tyne & Wear

Mystery shopper – that's my dream job
– **Damien Demolder, Editor**

LET DOWN BY TV

I wonder how many AP readers can remember the excellent TV series, *Me and My Camera*, which was screened back in 1981-82. Hosted by ex-AP Editor George Hughes and fellow AP staffer Joe Partridge, the show ran in conjunction with a magazine of the same title.

Current AP columnist Heather Angel was once featured in the show, if my memory serves me well. I also recall *Me and My Camera* magazine publishing an article by one of Heather's contemporaries – the equally brilliant nature photographer Stephen Dalton. The article featured Stephen's groundbreaking shot of a swallow drinking water while on the wing. Stephen had set up his camera and infrared remote release near a pond and the bird took its own photo while swooping down for a drink. It was an incredible shot and Stephen was honest enough to admit that he was actually out shopping when the image was taken.

A weekly photography show on TV was something to look forward to. So why are photographers today so poorly served in terms of television programmes about our wonderful hobby? And particularly in the age of the digital camera when more people than ever are taking pictures!

Mandy Smith, Northumberland

BACK CHAT

AP reader David Askham delivers an elegy for Kodak as it faces the fate of other once-famous, defunct brands

THE ANNOUNCEMENT in mid-January that Kodak, a 132-year old company, had filed for bankruptcy protection, marked the end of a remarkable era. It was bad enough when Kodak pulled the plug on its famous Kodachrome film in 2009 – one felt that the end was nigh for one of the most famous names in photographic history.

Most film photographers will have owned or used Kodak products. They were ubiquitous. I have an early Kodak rollfilm camera, still in its original leather case, won in a national competition. I keep it as a reminder of when new cameras were almost unobtainable. A Kodascope 8mm ciné projector is fondly remembered from life before television.

My large collection of processed Kodak film contains rich memories. Many of the best have found a fresh life following digitisation and some even sell through photo libraries. Undoubtedly, their irreplaceable and historical content endows them with a rarity value. Without Kodak transparency films' enduring qualities, those precious memories would long ago have faded. None of the contemporary rival manufacturers' products has survived in my archives. That speaks volumes for the supremacy of Kodak in its heyday.

My first Kodachrome was slow by modern standards. It had a speed of DIN 12, equivalent to ISO 12 – less than one quarter of the speed of its current replacement today! The last Kodachrome film had a speed of ISO 64, still slow when compared with digital equivalents of ISO 6400 and higher!

Kodak lost its way in the fast-moving and highly competitive digital era. Yet many photographers are currently enjoying the so-called 'Kodachrome look', produced by the Kodak-designed and manufactured sensor supplied to Leica for use in its M9 digital rangefinder cameras. (This fact was allegedly revealed by Stefan Daniel at Leica Camera AG in September 2010.) With the demise of Kodak, it is hoped that its sensor work will be undertaken by another company.

However, Kodak will not be the first famous film consigned to the history books. Remember, Dufay, Agfa, Gevaert and Perutz? Then there are countless old brands known mainly, nowadays, to flea-market shoppers – names such as Balda, Practina, Ihagee, Rollei, Wray, Ross, Dallmeyer, MPP and Sinclair. Many of these well-made products are capable of working well today.

Outstanding among the pioneering photographic manufacturers is Leica. It is one of the very few 'oldies' to have adapted successfully over time to the radical changes in technology and human desire. This is all the more remarkable when you consider the premium prices of Leica products. Until 2009, I was loading Kodachrome into my venerable Leica M3, a partnership which had survived more than 40 years. Happily, excellent alternative films are still available for the faithful. Long may it remain so. Thank you, Kodak!

Photo insight Andrew Sanderson



BRINGING
YOU ESSENTIAL
EXPERT ADVICE
EVERY WEEK

PHOTO INSIGHT

In his first article as a *Photo insight* contributor, Andrew Sanderson explains how he took his fairy-tale-like image of a woodland in West Yorkshire



ANDREW SANDERSON

A renowned photographer, tutor, author and Ilford Master Printer, Andrew Sanderson offers practical tips on working with film and traditional darkroom techniques

THIS shot is called 'Fairy Woods'. I like to think that it's obvious why this photograph has such a title. It's an incredibly atmospheric image and one that brings to mind the stories of the Brothers Grimm and Hans Christian Andersen. The location is Dean Bride Lane in Hepworth, West Yorkshire, and I found this track one day while I was walking through the woods. It is an area that I have explored before, but this was the first time I had walked along it in cold conditions.

The nature of an environment changes with the seasons and the weather conditions. A location that you may be familiar with on a sunny day can become something else entirely as soon as the skies cloud over and the rain and mist descend. In this location, it took a combination of the elements you see here to really bring out the best of the scene. The frost and mist came together to give the ground a sense of definition, and the background receding into the mist is particularly effective. The steps and path leading around the mound of foliage are a nice way to draw the viewer's eye through the picture. But more than that, it works on a narrative level. It inspires your mind to wander the path into the background and the mystery that lies beyond. Mist is a kind of curtain; you always want to know what's behind it. The mound in the centre also works in this way – what is it hiding?

The image was taken using my battered old Mamiya RB67 and, most importantly, Ilford XP2 Super ISO 400 – a black & white film that really suits a certain type of image. XP2 is a great film to use when faced with a location that has varied lighting conditions. Crucially, the film displays a creamy rendition of highlights, and if you're working with misty conditions that's a great advantage. I always rate XP2 film at ISO 200 by setting my lightmeter to ISO 200. What that effectively means is that I'm overexposing each frame by 1 stop (doubling the exposure), but the film is processed as normal. This produces a much creamier negative with more shadow detail and a finer grain. It's also interesting to note that the film is processed using the C-41 process, the same one used to process colour film.

The negative was printed onto Ilford Multigrade FB Warmtone paper in a conventional darkroom. You'll notice that

there's a border around the edge of my image, and while there are some people who believe that a border can make any average image look good, I don't think that's true. I think an average shot will always look average. My reason for using a border is simply that it helps to frame the image. It holds the picture in place. On a practical level, it keeps the image clear of fingerprints.

Adding a border in the darkroom is a simple process. You expose your image as normal and then obscure the larger part with an opaque material, such as card. The material should be the same shape, but slightly smaller than the final image. Place it on top of your photograph and then expose again until the edges at the top, sides and bottom are overexposed and black.

You may also notice the subtle vignetting effect. This links back to the creating of the border and is a process known as 'burning in'. The image is exposed as normal and then exposed again for less time while obscuring the central part so that it creates a gradient tone around the edges. It's a way of leading the viewer's eye into the area of interest.

I don't keep a record of the shutter speed and aperture used because I don't believe these settings will be of use to other photographers. If anyone else visits the location the lighting will be totally different. The viewer may be interested to know whether full depth of field was intended, or if shallow focus was the aim, but details such as f/5.6 or f/11 will tell you very little.

I don't need the information for my own purposes. I judge each location and shot on its own merits. As this image was taken with a Mamiya RB67 I had no internal meter, so relied – as I often do – on my Gossen Lunasix F hand meter. I feel this is the best handheld meter available and much better at reading low-light conditions than digital meters. The process for metering here was quite simple in that I metered the shadows and then exposed as if the midtone were 2 stops above that. This meant I got a nice moody exposure that didn't overwhelm the scene with highlights. I firmly believe that learning how to meter properly is essential to good negative and print quality.

Andrew Sanderson was talking to Oliver Atwell

To see more of Andrew's images, visit www.andrewsanderson.com. Andrew regularly conducts one-on-one workshops, where attendees can learn a variety of advanced printing techniques. See his website for details

1&1 WEB HOSTING

Premium Hosting for Professional Websites:

- ✓ **Maximum Availability:**
Geo-redundant data centres – hosted securely in two locations
- ✓ **Super Fast:**
275 GBit/s connectivity
- ✓ **Environmentally Responsible:**
Powered by green energy
- ✓ **Future-proof:**
1,000 internal developers

"No matter how much your business grows, with 1&1 you're always in safe hands. Today and in the future!"

Stefan Mink,
1&1 Data Centre Manager



1&1 DOMAINS

- Full DNS Management
- Domain Transfer
- Masked URL Forwarding
- Complete Domain Contact Management
- Unlimited E-mail Forwarding

.co.uk, .eu & more

Starting at

£2.49
first year

1&1 UNLIMITED

- Unlimited Web Space and Traffic
- Includes a FREE .uk Domain
- 5,000 POP3/IMAP E-mail Accounts
- Unlimited FREE 1&1 Click & Build Applications
- PHP, Zend Framework, Perl, Python, Ruby, SSI
- 100 MySQL5 Databases (1 GB each)
- Up to £30 Facebook® and Bing™ Vouchers
- Double Security via Geo-Redundancy

6 MONTHS

FREE

then at £6.99/month*

HOSTING YOU CAN TRUST WITH 6 MONTHS FREE!

SPECIAL OFFERS END 29/02/12!

1&1 BUSINESS E-SHOP

- Sell up to 1,000 Items
- Group Items in up to 100 Categories
- Customisable Designs
- Advanced Marketing Tools
- Order & Stock Management
- PayPal Compatible
- eBay Integration
- Product Search Features
- 24/7 Phone & E-mail Support

**6 MONTHS
FREE**

then at £11.99/month*

1&1 offers a complete range of online solutions:

- ✓ Domains
- ✓ Web Hosting
- ✓ E-Shops
- ✓ Servers
- ✓ Websites
- ✓ Search Engine Marketing
- ✓ E-Mail Packages

**START
YOUR BUSINESS
AWARDS | 2011**

1&1

Call **0844 335 1211** or buy online

www.1and1.co.uk

* A 12 month minimum contract term applies. Standard prices apply after the initial offer term. Visit www.1and1.co.uk for full promotional offer details, terms and conditions. Prices exclude VAT.

Big Cats Of The Masai Mara Wildlife Photography Workshop

July 2012

Hosted throughout by professional Wildlife Photographer Richard Costin

Total flexibility, tracking on private game reserve with no return time limits

Exclusive use of large game vehicles, limited to only 4 per vehicle

Fully tutored throughout by Richard, both in the field and back at camp for workflow and RAW processing techniques

Includes flights, meals, transfers to and from luxury bush camp with 10 safari drives

For full details visit www.richardcostin.com/tours
email: info@richardcostin.com or call 02081449304





**LEARN
FROM THE
EXPERTS**

Landscapes

The Amateur Photographer Masterclass with **Tom Mackie**

Landscape photographer **Tom Mackie** guides five readers through the best ways to shoot urban skylines using the shapes and lines of a city. **Oliver Atwell** joins them

IN PREVIOUS *Masterclass* articles, Tom Mackie has guided us through some of the techniques and equipment that can help us achieve successful landscape images. From the lush woodland of Ashridge Forest in Buckinghamshire to the sweeping hills and fields of North Yorkshire, we've seen the natural landscape represented through a series of considered and carefully composed images. However, it would be churlish to think that these locations are the only kinds of vistas that fall into the category of landscapes. There is another, more urban, territory that can wholly benefit from landscape techniques.

'In this London-based *Masterclass*, we're going to be looking at the city as a type of landscape,' says Tom. 'Specifically, we're going to be covering the best ways to

photograph city skylines. You'll see many shots of cities, but a lot of them can suffer from the same problem. It can be difficult to create order from chaos when attempting to achieve dynamic images. We'll look at the ways we can use the shapes and lines of the city to create pleasing compositions.'

The five AP readers will look at how different lenses, both telephoto and wideangle, can be used to bring out different elements of the city.

'I've asked each reader to bring at least a couple of lenses to use throughout the day,' says Tom. 'Ideally, they will bring something like a 24-105mm zoom, and a tele-zoom such as a 70-200mm. It's important to get as much coverage as possible in an environment like this. Using the wrong type of lens can completely ruin a shot.'

The day will also find the readers learning how the use of filters can bring out the character of a scene, and Tom will also show how city skylines can benefit greatly from producing panoramic images.

'This kind of environment will really benefit from working with panoramas,' says Tom. 'We've dealt with this before in a rural environment (see AP 13 November 2010), but it's going to be especially relevant now in a city context. Creating panoramic images in the city, particularly of the skylines, is a really satisfying experience. The fascinating shapes and structures can generate the kind of panorama that you can almost get lost in.'

On an additional note, Tom suggests that everyone shoot in raw. 'Towards the end of the day the light levels will drop and we'll find ourselves shooting against the night sky,' he says. 'Shooting in raw will offer greater flexibility when working on the images in post-processing. As you'll be shooting into a dark sky and artificial illumination, you'll want as much leeway as possible to fix the exposure if you can't get it quite right in-camera.'



LENSES

Your AP Master... Tom Mackie



A former contributor to AP's *Photo insight* series, Tom Mackie is one of the world's leading photographers. He has spent many years as an architectural, industrial and landscape photographer, and has a penchant for panoramic photography. Tom has published several books and written numerous articles for photography magazines. He also lectures on photography and regularly holds workshops in the UK and abroad.

www.tommackie.com

The AP readers... James Burnett



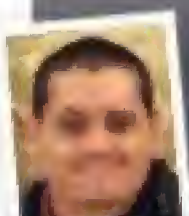
James doesn't specialise in any particular genre, but shoots landscapes more than anything else. He uses a Canon EOS 350D. 'We explored a range of interesting subjects,' he says. 'Tom has a very considerate style of teaching.'

Ritchie Coatsworth



Ritchie likes shooting landscapes and uses a Canon EOS 7D. 'It's been a good opportunity to expand on my skills,' he says. 'It's been very enjoyable.'

Vinicios H de Moura



Vinicios has been shooting for around a year and uses a Nikon D7000. 'I'm really grateful for the opportunity to shoot today,' he says. 'I've taken away a whole range of ideas.'

Raymond Milsted

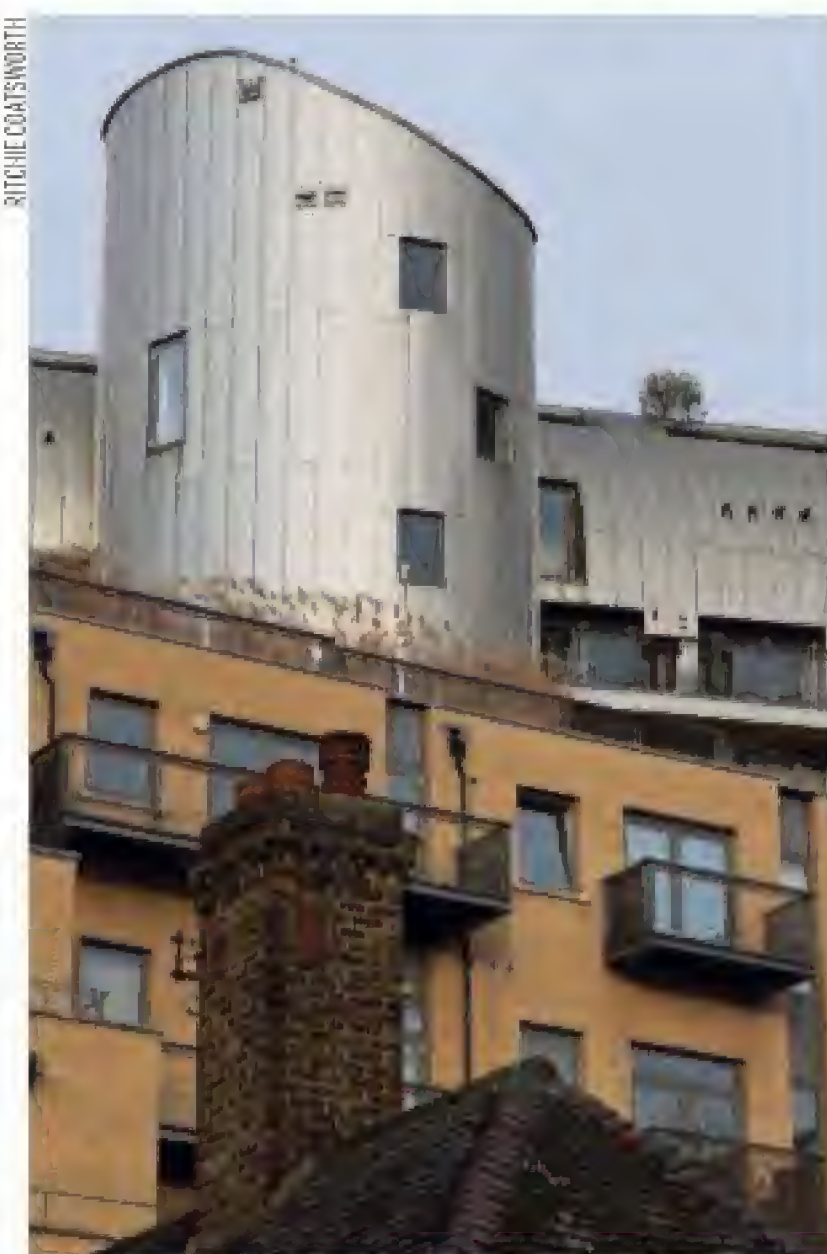


'I've enjoyed the day a lot,' says Raymond, who enjoys landscapes and shooting in low light using his Sony Alpha 350. 'It's great seeing such a familiar location from a different angle.'

Rosalind Rosewarne



Rosalind enjoys shooting a range of subjects, but is looking to become more proficient in landscape photography. She uses a Nikon D700. 'It's been a great day full of useful tips,' says Rosalind. 'Tom is a great tutor and incredibly patient.'



RITCHIE COATSWORTH

WHEN shooting a subject like city skylines, the obvious thing to do is to shoot everything using a wideangle lens. The idea, of course, is to gain as much coverage of the scene as possible. Yet while this may work for some shots, a wideangle lens can neglect some of the more interesting components.

'A wideangle lens will essentially give you a dramatic view of the location that you're photographing,' says Tom. 'It means you can include foreground, middle ground and background. While that has many advantages, it can also mean that you're neglecting the other end of the scale. A telephoto lens has a lot to bring to an environment like this.'

Where a wideangle optic provides a nice overview of a skyline, a telephoto lens can hone in on some of the interesting details that make up the bigger picture.

'In the urban environment,

particularly a major city, you're faced with a number of structurally fascinating buildings,' says Tom. 'In some of our shots here we have buildings such as the Tate Modern and the Gherkin. These are all structures that can make a shot in their own right. That's where a telephoto lens comes in. It means you can pick out a part of the scenery and compose it in such a way that it's isolated from the rest of the scene.'

According to Tom, the temptation can be to just shoot a scene with a wideangle optic and think that this will naturally captivate the viewer.

'Every shot needs a subject, and cropping and framing using a telephoto lens is the best way to achieve this,' says Tom. 'The lens can compress an image and bring the finer details forward in the composition. It's a way of fine-tuning what you're seeing and breaking it down into the bare essentials.'



TOM MACKIE

COMPOSITION

A CITY environment is a godsend from a compositional point of view. A good tip when shooting in a natural landscape is to break down the environment into manageable shapes and lines – essentially creating order out of chaos. In an urban environment this job is made even easier.

'The city consists of a whole range of geometric shapes that are more than simple to arrange into a composition,' says Tom. 'Using these shapes, you create a series of geometrically pleasing images. What you're seeing is a series of simple blocks, which, with the appropriate lens, can be shot in a way that makes them work together. Your framing will be crucial here. There are a number

of edges and lines that can be used to act as guides to help you arrange your shot.'

Tom also suggests being aware of converging lines. 'You can look at the city as a kind of forest,' says Tom. 'When you're standing in a forest and looking through the trees, you'll see that a lot of trees merge together. However, if you just shift your position slightly – moving left or right – then the trees will separate out just enough so that each of them is defined in the frame.'

'The same applies to the city, especially an architecturally cramped place like London. Carefully select your angle and ensure that each building occupies its own space within the frame.'

SKYLINE PANORAMAS

ONE OF the most interesting techniques that you can try during a shoot in the city is a pan-stitch, or, as it is more commonly called, a panorama.

'A pan-stitch can emphasise the grand sweeping nature of a location,' says Tom. 'If you can get a vantage point that's high enough in a city, such as a bridge, you should be able to achieve some dramatic shots.'

A pan-stitch consists of a series of images that have been 'stitched' together in post-production. 'It's a simple process that we've talked about before in *Masterclass*, but it's worth reiterating it in this new environment,' says Tom. 'Place your camera on a tripod and ensure that the surface you're positioned on is flat. Set your camera to manual, including the focus. The problem with using autofocus here is that your lens may

suddenly lock onto something in the foreground, meaning you have one image that is blurred. You then need to pan your image from end to end to make sure that you take a picture at particular increments. Due to the nature of the environment, you have a number of shapes that you can use as a guide. However, you should also make sure that there is some degree of overlap as this makes it a lot easier when it comes to stitching them together later. Once you have your images you can import them into Photoshop and use the Photomerge function (File>Automate>Photomerge). The results can be pretty breathtaking.'



RAYMOND MUI/STEED



TOM MACDIE

'Graduated filters are probably something you'll find yourself using when shooting skylines'

more gradual. With skylines I suggest sticking with soft. If you find yourself in a position where the grads you have aren't dark enough, they can be combined.'

The Big Stopper is essentially a neutral density filter that cuts out 10 stops of light. It's a filter that you'll often see used in landscape images in areas such as beaches and rivers. The effect will give you a strange effect that makes water appear almost like glass and skies look ghostly.

'As we're in London, we can make use of the River Thames and shoot it using the Big Stopper filter,' says Tom. 'The first stage is to compose your image. Here you can see that we're using the floats to act as a leading line in the image. Silhouetted in the background we have the Big Ben clock tower and the Houses of Parliament.'

'The next step is to take a meter reading and record what the exposure would be without a filter on the front of the lens. Put the camera into aperture priority and set it to the aperture that is appropriate for your scene. Record what shutter speed that produces and then multiply it by ten. You'll need to do this because the Big Stopper reduces the light by 10 stops. So, for example, if you have an exposure of 1/125sec at f/11, you'll need to increase your time to 8secs; 1/60sec becomes 16secs and so on. If in doubt, consult the exposure chart. Once you have this, put your camera into bulb mode and start a stopwatch to time the exposure. You can end up with some lengthy exposures, but it's worth the wait.'

FILTERS IN THE CITY

FILTERS such as ND grads can turn an otherwise drab shot into an image that captivates the viewer.

'Graduated filters are probably something you'll find yourself using when shooting skylines,' says Tom. 'There will often be a great contrast, exposure-wise, between the sky and the buildings that you're shooting, so you'll need a way to bring the highlights down slightly to balance with the rest of the image. That's where a grad filter comes in handy.'

'ND grads come in a variety of intensities and essentially reduce the amount of light in the highlight areas. For example, 0.3ND brings the exposure down 1 stop and 0.9ND brings it down 3 stops. Just remember that the greater the contrast, the darker the grad you'll have to use. You'll also have a choice between hard and soft. With a hard grad the transition between the dark half of the filter and the lighter portion is abrupt, whereas with a soft grad it's

READERS' IMAGES



RITEWEE COATSWORTH

Ritchie Coatsworth

◆ **'WE WERE** fortunate enough to have some lovely conditions for a night shot of London,' says Tom. 'The contrast of the warm golden hue of the Houses of Parliament against the blue evening sky makes for a strong classic image of London. When you're walking around London, it can be tempting to avoid scenes like this just because you've seen them before. However, if anything, that should push you to try harder for something a little different.'

'There is an optimal period of time when the tone of the sky is about 1 stop brighter than that of the illuminated buildings, and looking at the time on the Big Ben clock tower, Ritchie was about ten minutes too late as the sky is a little too dark. The skyline is starting to merge with the background. He could bring the levels up in processing, but he would need to be very careful about image noise appearing.'

'The contrast of the warm golden hue of the Houses of Parliament against the blue evening sky makes for a strong classic image'



JAMES BURNETT

James Burnett

◆ **'I LIKE** the way James has created a tight composition using a telephoto lens, combining the various geometric shapes with the Gherkin beautifully placed in the upper third of the frame. The Gherkin's shape dominates the frame, towering over the other buildings and appearing as a giant among the smaller structures. The side lighting really helps to define the shapes.'

'It's often difficult to make order out of the chaotic urban skyline, but James has accomplished this with no problem by using a telephoto lens and honing in on what he saw as one of the most interesting elements of the scene. Also worth noting is the lighting, specifically the way the shadows fall on the buildings and create an extra layer of shape within the frame. The sunlight reflecting on the Gherkin adds a sense of depth and creates an almost mosaic effect on the glass.'

RAYMOND MILSTED



Raymond Milsted

◆ **'RAYMOND'S'** image shows the entire skyline and gives a better idea of how James visualised the tight crop that he created in his

shot (below left). A panorama is a wonderful way to show a linear composition of a city skyline, although I try to keep the proportions to 3:1 or 2.5:1. I would have perhaps cropped this image in from the sides so the main focus

is on the major buildings, but the extraneous architecture gives a sense of scale. The shape of the composition is interesting, as it almost appears to be in the shape of a triangle or mountain.'

VINICIOS H DE MOURA



Vinicios H de Moura

◆ **'VINICIOS'** has created a really interesting image of Charing Cross Bridge, concentrating on just the strong lines of the cables,' says Tom. 'It's a unique perspective. I like the fact that he hasn't gone for the obvious and made a record shot of the entire bridge. It can be easy to think that a picture lies in the bigger view. It's important

to remember, as we saw with James's image (below left), that a scene is made up of a series of individual components. Vinicios has clearly studied the scene and determined that this section would make the most interesting picture. He has waited for the optimum moment and taken the image. The positioning of the centre column in the vortex of clouds make it seem almost as if they are swirling around this point.'



Would you like to take part?

EVERY month we invite three to five AP readers to join one of our four experts on a free assignment over the course of a day, with food and refreshments provided. The experts are **Tom Mackie** (landscapes), **Cathal McNaughton** (documentary and photo essays), **Annabel Williams** (location portraiture) and **Andy Rouse** (wildlife). Our next confirmed *Masterclass* will be with Andy Rouse on 1 March. If you would like to take part, visit www.amateurphotographer.co.uk/masterclass for details of how to apply. Please remember to state which *Masterclass* you would like to attend and make sure you include your name, address, email address, daytime telephone number, some words about your work and three or four of your images.

ROSALIND ROSEWARNE



Rosalind Rosewarne

◆ **'THIS'** is an unusual juxtaposition of elements,' says Tom. 'The Tate Modern chimney is sandwiching St Paul's Cathedral in a view that is really only available from quite a high vantage point. The rectangular 1950s chimney contrasts nicely with the 17th century dome. Essentially, the other modern buildings contrast with the domed cathedral and give it a kind of visual context. The empty space in the sky creates an unbalanced image, so perhaps a vertical crop of the tower and cathedral would help to remedy this. In that sense, it would become a picture that communicates a real impression of scale and perspective.'

Grays of Westminster®

Exclusively... **Nikon**



Nikon 1 V1

ENTER THE **Nikon** UNIVERSE

WANTED FOR CASH: **Nikon**

We are always seeking mint or near-mint examples of Nikon equipment: Digital & Film SLRs, Nikkor Lenses: autofocus & manual focus
We also take in certain non-Nikon, such as Leica (M-only), Hasselblad and Rolleiflex.

Please telephone
☎ 020-7828 4925 for our offer



0% OR LOW INTEREST FINANCE

No deposit Required
☎ 020-7828 4925
For full details



NIKON DIGITAL CAMERAS

Nikon D4 SLR body.....	£4,799.00
Nikon D3x SLR body.....	£5,079.00
Nikon D3x + AF-S 14-24mm f/2.8G IF-ED Kit.....	£6,360.00
Nikon D3x + AF-S 24-70mm f/2.8G IF-ED Kit.....	£6,270.00
Nikon D3x + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£7,580.00
Nikon D3s SLR body.....	£3,895.00
Nikon D3s + AF-S 14-24mm f/2.8G IF-ED Kit.....	£4,999.00
Nikon D3s + AF-S 24-70mm f/2.8G IF-ED Kit.....	£4,899.00
Nikon D3s + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£6,199.00
Nikon D700 SLR body.....	£1,825.00
Nikon D700 + AF-S 14-24mm f/2.8G IF-ED Kit.....	£3,135.00
Nikon D700 + AF-S 24-70mm f/2.8G IF-ED Kit.....	£3,045.00
Nikon D700 + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£4,350.00
Nikon D700 + AF-S 16-35mm f/4G VR ED Kit.....	£2,670.00
Nikon D700 + AF-S 24-120mm f/4G VR ED Kit.....	£2,655.00
Nikon D700 + AF-S 28-300mm f/3.5-5.6G ED VR.....	£2,515.00
Nikon D700 + MB-D10 Grip.....	£2,050.00
Nikon D300S SLR body.....	£1,049.00
Nikon D300S + MB-D10 Grip.....	£1,275.00
Nikon D300S + AF-S 18-85mm f/3.5-5.6G ED VR DX.....	£1,495.00
Nikon D300S + AF-S 18-200mm f/3.5-4.5G VR II Kit.....	£1,645.00
Nikon D7000 SLR body.....	£949.00
Nikon D7000 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£1,139.00
Nikon D7000 + 18-200mm f/3.5-5.6G VR II DX IF-ED Kit.....	£1,545.00
Nikon D7000 + MB-D11 Kit.....	£1,169.00
Nikon D90 SLR body.....	£569.00
Nikon D90 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£749.00
Nikon D90 + 18-200mm f/3.5-5.6G VR II DX IF-ED Kit.....	£1,165.00
Nikon D5100 SLR body.....	£549.00
Nikon D5100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£650.00
Nikon D3100 body.....	£399.00
Nikon D3100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£499.00

NIKON 1 SYSTEM

Nikon 1 V1 10-30mm Kit - Black/White.....	£675.00
Nikon 1 V1 10mm Kit - Black/White.....	£725.00
Nikon 1 V1 10-30mm & 30-110mm Twin Kit - Black/White.....	£799.00
Nikon 1 J1 10-30mm Kit - Black/White/Silver/Red.....	£445.00
Nikon 1 J1 10mm Kit - Black/White/Silver/Red.....	£489.00
Nikon 1 J1 10-30mm & 30-110mm Twin Kit - Black/White/Silver/Red.....	£569.00
Nikkor VR 10-30mm f/3.5-5.6 - Black.....	£149.00
Nikkor VR 30-110mm f/3.5-5.6 - Black/White.....	£199.00
Nikkor 10mm f/2.8 - Black/White.....	£199.00
Nikkor VR 10-100mm F/4.5-5.6 PD-Zoom.....	£575.00
Nikon SB-N5 Speedlight.....	£125.00
Nikon GP-N100 GPS Unit - Black/White.....	£109.00
Mount adapter FT1.....	£219.00

NIKON COOLPIX DIGITAL CAMERAS

Nikon Coolpix P7100.....	£429.00
Nikon Coolpix P500.....	£299.00
Nikon Coolpix AW100.....	£249.00

AF-S & AF DX NIKKOR LENSES

10.5mm f/2.8G AF DX ED Fisheye.....	£529.00
AF-S 35mm f/1.8G DX.....	£165.00
AF-S 10-24mm f/3.5-4.5G IF-ED DX.....	£669.00
AF-S 12-24mm f/4G IF-ED DX.....	£815.00
AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£449.00
AF-S 17-55mm f/2.8G DX IF-ED.....	£1085.00
AF-S 18-55mm f/3.5-5.6G VR ED DX.....	£155.00
AF-S 18-105mm f/3.5-5.6G VR DX IF-ED.....	£225.00
AF-S 18-200mm f/3.5-5.6G VR II DX IF-ED.....	£599.00
AF-S 55-200mm f/4.5-5.6G VR DX IF-ED.....	£245.00
AF-S 55-300mm f/4.5-5.6G DX VR.....	£299.00

AF FX NIKKOR LENSES

14mm f/2.8D AF ED.....	£1,219.00
16mm f/2.8D AF Fisheye.....	£599.00
20mm f/2.8D AF.....	£465.00
24mm f/2.8D AF.....	£335.00
28mm f/2.8D AF.....	£225.00
35mm f/2D AF.....	£255.00
50mm f/1.8D AF.....	£109.00
50mm f/1.4D AF.....	£235.00

85mm f/1.8D AF.....	£305.00
85mm f/1.4D AF IF.....	£899.00
105mm f/2D AF-DC.....	£795.00
135mm f/2D AF-DC.....	£969.00
180mm f/2.8D AF IF-ED.....	£625.00

AF-S FX SILENT WAVE NIKKOR LENSES

AF-S 24mm f/1.4G ED.....	£1,599.00
AF-S 35mm f/1.4G.....	£1,395.00
AF-S 50mm f/1.4G IF.....	£299.00
AF-S 50mm f/1.8G IF.....	£175.00
AF-S 85mm f/1.4G.....	£1,265.00
AF-S 14-24mm f/2.8G IF-ED.....	£1,315.00
AF-S 16-35mm f/4G ED VR.....	£850.00
AF-S 17-35mm f/2.8D IF-ED.....	£1,495.00
AF-S 24-70mm f/2.8G IF-ED.....	£1,225.00
AF-S 24-120mm f/4G ED VR.....	£839.00
AF-S 24-120mm f/3.5-5.6G VR IF-ED.....	£549.00
AF-S 28-300mm f/3.5-5.6G ED VR.....	£699.00
AF-S 70-200mm f/2.8G VR II IF-ED.....	£1,635.00
AF-S 70-300mm f/4.5-5.6G VR IF-ED.....	£435.00
AF-S 200-400mm f/4G VR II IF-ED.....	£4,999.00
AF-S 200mm f/2G VR II IF-ED.....	£4,295.00
AF-S 300mm f/4D IF-ED.....	£975.00
AF-S 300mm f/2.8G VR II IF-ED.....	£4,069.00
AF-S 400mm f/2.8G VR IF-ED.....	£6,695.00
AF-S 500mm f/4G VR IF-ED.....	£5,995.00
AF-S 600mm f/4G VR IF-ED.....	£7,175.00
TC-14E II 1.4x teleconverter.....	£315.00
TC-17E II 1.7x teleconverter.....	£315.00
TC-20E III 2x teleconverter.....	£399.00

AF FX ZOOM-NIKKOR LENSES

18-35mm f/3.5-4D AF IF-ED.....	£495.00
24-85mm f/2.8-4D AF IF.....	£520.00
80-400mm f/4.5-5.6D AF VR IF-ED.....	£1,189.00

AF & AF-S MICRO-NIKKOR LENSES

AF-S 40mm f/2.8G DX Micro.....	£239.00
60mm f/2.8D Micro.....	£339.00
AF-S 60mm f/2.8G ED Micro.....	£399.00
AF-S 85mm f/3.5G VR DX IF-ED Micro.....	£419.00
AF-S 105mm f/2.8G AF-S VR Micro IF-ED.....	£610.00
200mm f/4D AF Micro IF-ED.....	£1,295.00

NIKON SPEEDLIGHTS

SB-910 Speedlight.....	£425.00
SB-900 Speedlight.....	£315.00
SB-700 Speedlight.....	£245.00
SB-400 Speedlight.....	£125.00
SB-R1C1 Close-Up Commander.....	£599.00
SB-R1 Close-Up Remote Kit.....	£419.00
SU-800 Wireless Speedlight Commander.....	£275.00
SB-R200 Wireless Remote Speedlight.....	£185.00

MANUAL FOCUS NIKKOR AIS LENSES

20mm f/2.8 Nikkor.....	£901.00
24mm f/2.8 Nikkor.....	£608.00
28mm f/2.8 Nikkor.....	£615.00
35mm f/1.4 Nikkor.....	£1,227.00
45mm f/2.8P Nikkor, chrome.....	£325.00
50mm f/1.4 Nikkor.....	£597.00
50mm f/1.2 Nikkor.....	£743.00
180mm f/2.8 ED Nikkor.....	£799.00

ZOOM-NIKKOR MANUAL AIS LENSES

28-85mm f/3.5-4.5 Zoom-Nikkor.....	£599.00
------------------------------------	---------

SPECIAL PURPOSE: PERSPECTIVE CONTROL AND MICRO-NIKKOR LENSES


24mm f/3.5D PC-E ED Nikkor.....	£1,395.00
28mm f/3.5 PC Nikkor.....	£1,195.00
45mm f/2.8D ED PC-E Nikkor.....	£1,399.00
55mm f/2.8 Micro-Nikkor.....	£541.00
85mm f/2.8D ED PC-E Nikkor.....	£1,375.00
105mm f/2.8 Micro-Nikkor.....	£1,047.00
200mm f/4 Micro-Nikkor.....	£895.00

Prices include 20% VAT. Prices Subject to Change. E.&O.E.

TO ORDER TELEPHONE 020-7828 4925



PROBABLY THE WIDEST RANGE
OF NEW & SECONDHAND
Nikon IN THE WORLD

 020-7828 4925

THE KIND OF SERVICE OF WHICH LEGENDS ARE MADE

NIKON D4: THE DARK KNIGHT RISES



This stunning new professional Nikon D4 D-SLR features a 16.2-million pixel Nikon FX-format CMOS sensor, all-new 91,000-pixel RGB ambient/flash metering sensor, standard ISO range of 100-12,800 (extendable to 50-204,800), revised 51-point AF system with increased sensitivity to support auto focus when using a lens, or lens/teleconverter combination that has a maximum aperture of f/8, new shutter unit capable of 10 frames per second (or 11fps with restrictions to exposure and AF control), EXPEED 3 image processing, 1080p video capture with audio monitoring, uncompressed video output via the HDMI port, twin memory card slots (one for CompactFlash and the other for the new XQD CompactFlash format), a new battery, the EN-EL18, plus enhanced in-camera processing, including an HDR function and creation of time lapse video.

Cost £4,799.00 inc. VAT. Release date: Thursday 16th February, 2012

WE ARE NOW TAKING PRE-ORDERS



TO ORDER TELEPHONE
020-7828 4925

**Subscribe today and
pay just £21.80***

- FREE GUARANTEED DELIVERY DIRECT TO YOUR DOOR
- NEVER MISS AN ISSUE OF YOUR FAVOURITE PHOTOGRAPHY MAGAZINE

PHOTOGRAPHY

amateur

Photographer

10

NEWS: PANASONIC TOP-END LUMIX CSC

NEX-7: NOT THE LEICA M9 IT MIGHT EVEN BE BETTER!

1700 should have been? camera... with a zoom

Canon EOS-1

NEWS: 12MP LEICA M MOUNT FOR RICOH GXR

LONG LENSES ON A BUDGET

TELEPHOTO ZOOM TEST

Affordable long lenses compared

TAKE PICTURES LIKE THIS IN YOUR GARDEN

PAINTING WITH LIGHT

PORTABLE STABILITY

Monopods on test

THE DIRECT DEBIT GUARANTEE - This Guarantee is offered by all banks and building societies that accept instructions to pay Direct Debits - If there are any changes to the amount, date or frequency of your Direct Debit IPC Media Ltd will notify you 10 working days in advance of your account being debited or as otherwise agreed. If you request IPC Media Ltd to collect a payment, confirmation of the amount and date will be given to you at the time of the request. - If an error is made in the payment of your Direct Debit, by IPC Media Ltd or your bank or building society you are entitled to a full and immediate refund of the amount paid from your bank or building society - if you receive a refund you are not entitled to, you must pay it back when IPC Media Ltd asks you to - You can cancel a Direct Debit at any time by simply contacting your bank or building society. Written confirmation may be required. Please also notify us.

138

It's all in the details

Portrait photography isn't just about photographing your subject in its entirety. **Tracey Clark** explains how by focusing on details, it's possible to create dynamic images. She talks to **Gemma Padley**

By choosing a low vantage point and isolating the child's knees, the photographer has created an image with impact

Portraiture Close-ups



WHEN you think of portrait photography, what images spring to mind? Full-length shots taken in a studio-environment, perhaps, or formal head-and-shoulders pictures? While these approaches can produce excellent portraits, there are plenty of other possibilities that will add vitality and zest to your portrait photography if you're willing to give them a go. Concentrating on photographing details – a pair of hands or feet, for example – or even cutting part of the person out of the frame entirely can produce great images.

'Giving things a go' is very much the motto of American photographer Tracey

Clark. Based in Los Angeles, Tracey founded an online photography collective called Shutter Sisters four years ago to provide a platform for female photographers to showcase their work. On the site, photographers post their images and can leave comments for each other. Portrait images feature frequently, especially natural, informal portraits where the 'details' take precedence over traditional full-length or posed portraits. The majority of the photographs are taken in informal documentary-style settings.

'It dawned on me that there wasn't a place where women photographers who weren't

professional, but who were shooting every day, could share their images – somewhere welcoming and not intimidating,' says Tracey, who has worked as a professional photographer for more than 20 years. 'So I decided to create one, and Shutter Sisters was born.'

Describing this as her light-bulb moment, Tracey's intention was to create an online space based on mutual support and encouragement. Enjoyment and experimentation lie at the heart of the collective. 'In essence, Shutter Sisters is a gathering of women who want to tell their stories visually,' says Tracey. 'It's not about getting everything right photographically all the time, but rather expressing yourself and having a place to belong – sharing your perspective and learning at your own pace.'

DETAILS IN PORTRAITURE

It's easy to think of portraiture as being about the head shot and not look beyond this for creative ideas, but this is just a starting point, Tracey stresses. 'Portrait photography is also about the unexpected,' she says. 'You'll always want a close-up portrait of someone, but it's about how you use that concept to say something else.'

Images such as a child peeking out from behind a sofa, a pair of clasped hands, or a studious child whose hands are the main subject, are just a few of the pictures from the website and accompanying book, *Expressive Photography*, published by Ilex. What these images have in common is that they are all composed from just part of the person, offering a glimpse into who that person is. In these photographs, something seemingly inconsequential becomes touching and charming. At the heart of each picture is the everyday. 'The people in the images are engaged in their everyday life – they're shown doing something,' says Tracey. 'In that sense, they're not session pictures or sit-down portrait sessions.'

'There is beauty in the ordinary event of driving your kids to school or holding a coffee mug,' she adds. 'It's about learning to see the value in your everyday – changing your perspective, realising there is magic in the mundane, honing your eye and starting to notice glimmers of detail.'

WHAT DETAILS

The details that can make effective compositions are wide ranging – anything from hands and knees to the side of a face or the curve of someone's arm. There is a certain poetry to showing a child's hand, an untied shoelace or the way a person wears their hair or an accessory. It's a question of thinking about gesture, says Tracey, and honing in on the things that aren't obvious.

'A picture of a baby's face is wonderful, but photographing the nape of the neck might make an even more powerful image,' she says. 'You can capture expression through hands and gesture. Expression goes far beyond a facial expression. The basics of composition apply, such as looking for interesting shapes or the colours and texture of clothes, to tell a person's story.'

A child peeps out from behind a sofa

Learning to spot potential scenes and details is key, as Tracey explains. 'Keeping an eye out for unexpected things happening around you is something you can train yourself to do,' she says. 'It's also about knowing what is important – what the image needs. If you can see that the curve of the face will make the shot, and you show that, the image will have meaning. If you can show something that stirs emotions in the viewer, you're on the right track.'

The story-telling aspect is one of the biggest themes in portrait photography. 'It's about photographing what is important to you and in the process shedding light on the person in your shot,' says Tracey. 'The images can work individually as portraits, but also together to tell the person's story. You can shoot ten different pictures of a person and tell a whole story through these individual images. Together, they tell the whole narrative – a running narrative, through the span of a life.'

LOCATION AND LIGHT

Choosing where to take the picture, such as in a familiar or informal setting, will depend on the preferences of the photographer – where he or she is most comfortable shooting. But recognising the potential of your immediate surroundings is key. A common misconception is that you have to go far afield to take great shots, but if you stop and think about what's in front of you, you may be surprised at the shots you can create.

'I like shooting in an indoor environment,' says Tracey. 'I love the intimacy of the



Above: This shot has been framed so just the baby and child's hands are in view

Below: A tightly framed image focuses attention on part of the girl's face



home. Large windows are obviously a huge advantage. When you're in a personal space, you can capture something that is really special. For me, the location doesn't matter nearly as much as the light,' she adds. 'Window light is my favourite.'

Indeed, light is a key player and can transform an ordinary scene into something magical. 'The illumination from the light can help you see what's unique in a scene,' says Tracey. 'The majority of the photographers in the collective use natural light. In this way, you know what you're getting and don't have to worry about any artificial lighting – but using natural light is a skill in itself.'

PERSPECTIVE

Another key consideration is the perspective from which the image is taken. 'Thinking about your point of view – where you are when you take the picture – will help to create an image that goes beyond being a snapshot and becomes more artful,' says Tracey.

'I like to show something in a way that no one else sees it. I tend to think of the viewfinder as a canvas,' she adds. 'Getting down low when photographing kids is an obvious point, but even for the knee image (see page 27), the photographer is sitting on the ground – it's an unexpected angle. Usually, you're standing up and seeing the world from the same perspective, but the minute you show something from an unexpected perspective it brings something into view that you're not used to seeing. It makes the shot visually compelling.'

FRAMING

How the shot is framed can make or break the image. It is about finding a way to minimise distracting details and balance elements in the frame for effect. Through considered framing, it's possible to create something imaginative, but equally it is about being bold and daring.

'There are two approaches as I



Shot from above looking directly down, in this image the photographer has included only the people's feet



The photographer focuses on the child's hand, utilising a shallow depth of field for effect

➔ see it,' says Tracey. 'The "context" approach versus the "close-up" approach. You can lose all the context and focus on a curve or an area of shadow or light, or you can pull back and show the context and create a shot that is equally magical.'

Part of this process is intuitive, of course. 'You can tap into your intuition, but it depends on the story you are telling,' Tracey continues. 'If you choose to zoom in and fill the frame with one small detail but decide to make this your subject, then that can be enough.'

Tracey uses a Canon EOS 5D camera with, most often, a 50mm f/2.8 macro lens. 'The beauty of the macro lens is that I can get right up close to my subject and the background is out of focus,' she says. 'Shallow depth of field is a big thing for our photo community – being able to minimise background detail is a common thread throughout. Using a fast lens also helps when shooting in natural light.'

POSED OR CANDID?

The question of how much to engage with the subject and in what way is often asked in portrait photography. In short, should you adopt a candid approach or pose your subjects?

'If you're in a group setting and you can be a fly on the wall, where people aren't paying any attention to you and you can pick out a particular part of a

scene, that kind of candid approach can work really well,' says Tracey. 'You can't be candid when it's just you and your subject, but you can certainly capture those in-between moments.'

So is it essential to know your subject? 'It can be helpful to know your subject, as it puts you at ease, but I don't think it's necessary,' says Tracey. 'When you approach portrait photography, by looking for the details you can detect what it is about that person that tells their story whether you know them or not.'

'Often I try not to engage the subject at all,' she adds. 'Instead, I watch people do what they normally do. It's about "reading" your subject. For me, the way people stand, the way they hold themselves, whether it be a child or an adult, is exactly the kind of gesture you want to capture. It's about letting people be who they are – allowing them to sit how they would normally sit or stand how they would stand. Talking with your subject is fine, but not prompting your subject to move in a particular way, necessarily. I feel that if you tell someone to do something and they pose for the photograph, quite often the best image will be the one you take a second or two afterwards. Some of the best portraits are taken when you don't expect them!' **AP**

To see more images from the Shutter Sisters, visit www.shuttersisters.com



The girl's eyes are excluded from this image, but this concentrates attention on her hands and the drink

ACCESSORIZE for less!



Pro Flashgun Snoot & Reflector £10.99



CoCo Ringflash Adapter £45.99

GPS Adaptor for Nikon with Time and Place Imprint £45.99



DSLR/Video Stereo Microphone £59.99



Wireless Flash Trigger Canon/Nikon £39.99



2 x Micnova (1/8 & 1/4) Speed Grid for Portable Flash £24.99



Macro 48 LED Light £32.99



Excellent Value Flash Power Packs from £99.99



Reemix 3 in 1 Remote Control £44.99



4x Neoprene Lens Protectors £11.99



Range of Mini Soft Boxes from £9.99



Mini Soft Box £23.99

Flat Diffuser £6.99



All prices include VAT & delivery to mainland UK

MORE INNOVATIVE ACCESSORIES ARE LISTED ON OUR WEBSITE
www.ukphotodistro.co.uk

Link directly with your smartphone and QR app



Distributed in the U.K. by... **UKphotodistro Limited** based in Scotland. Tel: **0845 287 0710**

Your pictures in print

1



Fox cub

1 Adam took his time studying the cubs to learn the patterns of behaviour that would lead to him capturing this shot

Sony Alpha 350, 70-200mm, 1/200sec at f/3.2, ISO 200

**EDITOR'S
CHOICE**

SEE MORE ONLINE AT
[AMATEURPHOTOGRAPHER.
CO.UK/SPOTLIGHT](http://AMATEURPHOTOGRAPHER.CO.UK/SPOTLIGHT)

What a fantastic picture of a fox cub. It's great to be able to get this close, and the quizzical expression on the animal's face really reveals some character. The focus is spot on, too, which is quite something during a special moment like this. Well done, Adam –
Damien Demolder, Editor

AP publishes more reader photographs than any other photography magazine

ReaderSpotlight

IF YOUR PICTURES
ARE FEATURED
YOU'LL RECEIVE...

£50

PLUS...



FOR ILLUSTRATION PURPOSES ONLY. RUCKSACK CONTENTS NOT INCLUDED

The **Editor's Choice** wins a **Kata DR-467i Digital Rucksack** worth **£99.95**

The Kata DR-467i Digital Rucksack will accommodate two DSLRs with mounted lens, three-four lenses and flash, with space for personal gear, a laptop and small tripod. By removing the padded bottom camera insert you can easily convert this rucksack from a camera bag to a daypack when not out shooting.

www.manfrotto.co.uk

How to submit images to Reader Spotlight

Please see the 'Send us your pictures' section on page 3 for details or visit www.amateurphotographer.co.uk/spotlight



Adam Tatlow Gloucestershire

Adam became interested in photography at a young age and started by shooting with an Olympus 35mm SLR. He soon moved on to a Minolta and in recent years has embraced digital technology with a Sony Alpha 350 and then a 580 with 70-200mm lens. 'I love capturing wildlife in its natural environment,' he says. 'I work as a gamekeeper and I want others to be able to enjoy what I am lucky enough to see when I am at work.' To see more of Andy's work, visit www.cotswoldkeeperphotography.com.



Fox

2 The colour and composition are the strongest features of this shot, taken in Guiting Power in the Cotswolds

Sony Alpha 350, 50-500mm, 1/250sec at f/8, ISO 100

Fawn

3 Adam got in as close as he could without spooking the roe deer fawn, one of a pair that he regularly photographs

Sony Alpha 350, 50-500mm, 1/125sec at f/10, ISO 100,



David Lee Somerset

'When I was around 12 years old, I was a keen modeller,' says David. 'I'd use the family camera – a Box Brownie – to take pictures of my efforts, although I had to be quick to get there before the dog chewed them up. Soon after that I received an Exa IIA for my birthday and I've still got it.' Since then, David has upgraded to a Nikon D700 and a Canon PowerShot G10. His favourite subjects are landscapes, buildings, interiors and street scenes.

Cockerel

1 David waited for the right moment to take this shot and caught the cockerel mid-call
Canon PowerShot G10, 12mm, 1/60sec at f/3.5, ISO 80

Reeds and sky

2 David was trying to shoot the reeds when he got the added bonus of the sky
Nikon D700, 18-35mm, 1/250sec at f/11, ISO 200

Country house

3 Cothay Manor in Somerset makes a great photographic subject
Nikon D200, 10-20mm, 1/125sec at f/6.3, ISO 100

Spiral staircase

4 This often attempted shot is given a fresh angle due to the light
Nikon D700, 18-35mm, 1/8sec at f/5.6, ISO 100, GorillaPod

3



4



Your pictures in print

Sue Burton Lancashire

Sue has been interested in photography since her late teens, but only began taking it seriously around five years ago when she bought her first digital camera. Her favourite subject to work with is infrared landscapes, as you can see here. Sue is particularly fond of shooting in the Lake District and Scotland. In the future, she intends to further her research into creating more unusual images through the use of filters and different techniques.



Farm buildings

1 Sue converted this shot to monochrome using the Channel Mixer in Photoshop
Olympus Pen E-P2, 14-42mm, 4secs at f/10, ISO 200, infrared filter

The shelter

2 Sue added an unusual solarisation effect in post-production here
Olympus Pen E-P2, 17mm, 1/140sec at f/11, ISO 200

Woods

3 The infrared filter really lends an extra dimension to this image
Olympus Pen E-P2, 14-42mm, 2secs at f/4.5, ISO 200, infrared filter



WANT TO LEARN MORE AND IMPROVE YOUR PHOTOGRAPHIC SKILLS?

Then enrol on one of our **School of Photographic Imaging's Home Study Courses**. We've courses to suit all levels of experience covering all aspects of photography and bite-sized courses from just £75. Just visit www.spi-photography-courses.com, call **0203 148 4326** or turn to **page 50** of this issue.

SPI
SCHOOL OF
PHOTOGRAPHIC
IMAGING

Creative lighting, it has never been easier,
so come and see us at Focus on Imaging,
stand F40 and for details of our
special offers download the Focus Flyer
from our website! - available 24/2/12

RANGER
QUADRA RX



BEST PROFESSIONAL PRODUCT

THE SOCIETY REPRESENTING Professional Image-makers

2009 TRADE AWARDS



BXRi



BEST STUDIO LIGHTING

BEST STUDIO LIGHTING

THE SOCIETY REPRESENTING Professional Image-makers

THE SOCIETY REPRESENTING Professional Image-makers

2010 TRADE AWARDS

2011 TRADE AWARDS



Advanced PHOTOGRAPHER



www.theflashcentre.com



THE FASTEST, EASIEST PORTRAIT TOUCH-UP SOFTWARE

Portrait Professional 10 is the world's
first intelligent retouching software
trained in human beauty. Fast and
easy to use, it produces magazine
quality yet natural looking touch-up
in minutes.



Amateur Photographer
readers get an extra
10% off with the code
AP1102
when buying on-line.

Download your **FREE** trial now!
www.PortraitProfessional.com

Wins 'Best Software' Award

Digital Camera Mag GOTY Awards December 2011

Highly Commended Plug-in Software

Practical Photography GOTY Awards October 2011

Scores Maximum 5 Star Rating

Digital Photo Test June 2011



PORTRAIT PROFESSIONAL 10

APappraisal



Expert advice, help and tips from AP Editor Damien Demolder

Original



Reflection of sky Bala Baskar

Panasonic Lumix DMC-FZ20, 301mm (35mm equivalent), 1/125sec at f/3.3, ISO 80

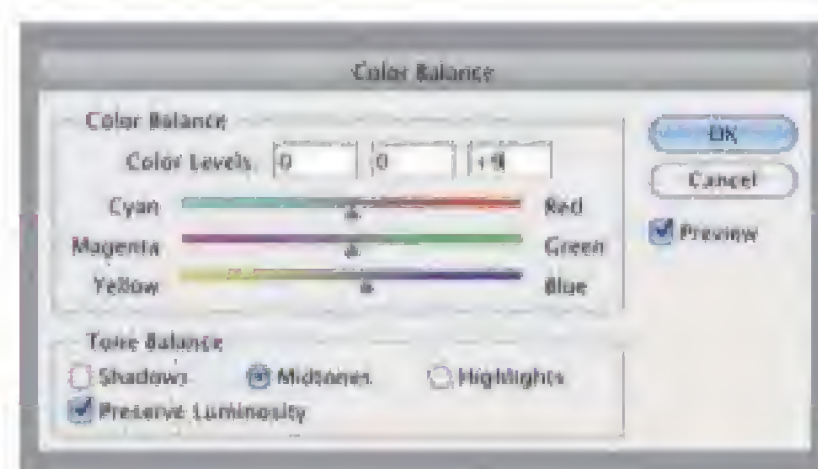
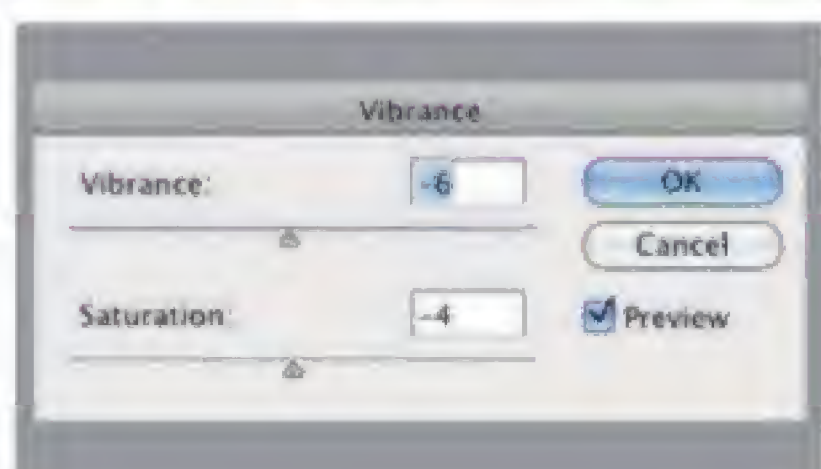
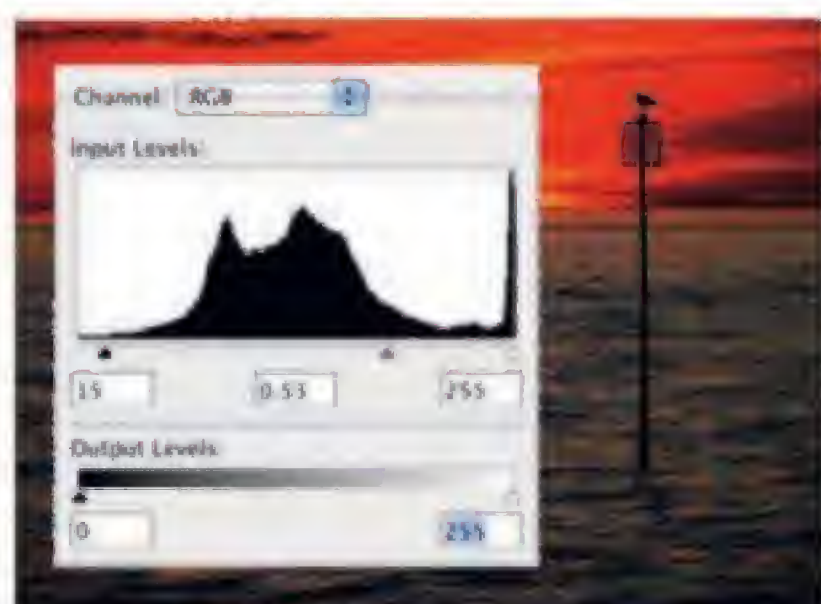
I LIKE this kind of picture and have quite a few of my own that are very similar. Mine tend not to be of anything very much – just the simplicity of the sea, sky and a bird on a pole – but Bala's version with the post-sunset sky is much more exciting. Cameras, though, are not always very good at picking the right exposure levels for a sunset, and it is common for them to make skies and colours appear too light – as has happened here. The camera sees it is dark, and lightens the scene because it doesn't understand it is supposed to be dark. Only humans can tell it should be dark, and only humans can instruct the camera what it should be aiming for in a situation such as this.

My first trick was to use the Levels tool

to add some shadows and to darken the midtones to reflect more accurately what the scene would have looked like. This also brings out the colours in the sky, although a little too strongly. I suspect that Bala has already added some saturation and shifted the hue to enhance the sky, but with the 'correct' exposure things look a little overdone. I used the Vibrance window to turn both the vibrance and the saturation down. Things are still too yellow, though, so a trip into the Color Balance tool was called for to inject more blue to the shadow and midtone areas.

My final act was to crop the image to a 16:9 widescreen movie format. This just neatens the composition – cutting away the excess sea in the bottom of the frame, and creating a long thin picture that makes it easier to travel from right to left.

These changes just correct what the software adjusted in the image, but the real answer is to take control of your metering and to see what the camera is doing. In this sort of situation, exposure compensation of -1 or -2EV would have produced a better original that wouldn't have needed extra saturation to be added.



Edited



WIN

Every reader whose picture is chosen to appear in *Appraisal* will win a Camlink CMP1 walking stick monopod worth £19.99. The three-section collapsible walking stick monopod features a wrist strap, ergonomic handle and includes a nifty little compass into the bargain. To find out more about Camlink products, visit www.camlink.eu.com

How to submit your pictures

Send up to six prints, slides or images on CD (please include the original files from the camera along with your submitted versions on your CD). Tell us a little about the pictures and include details of equipment used and exposure settings. Send your images to *Appraisal* at the address on page 3. Enclose an SAE if you want them returned

CAMLINK

Original



Sunset after rain Van Alvin

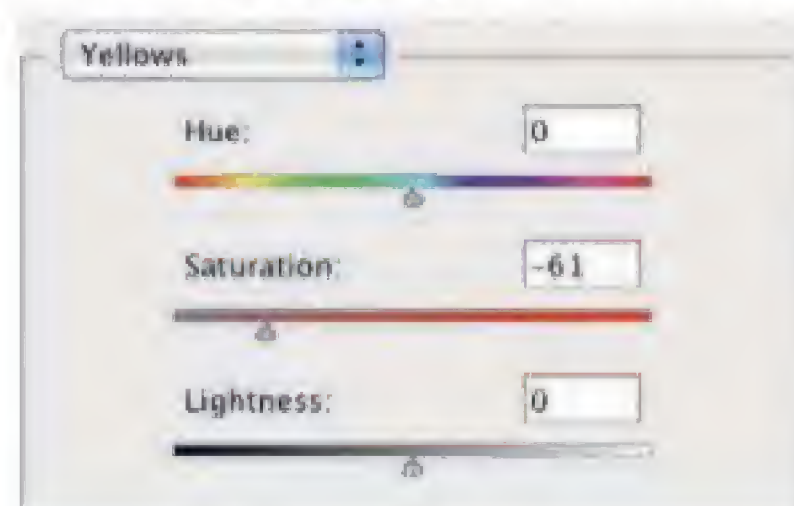
Canon EOS 400D, 18-55mm, 1/200sec f/8.

THE PROBLEM with high dynamic range blends is that they so often contain an unlikely mixture of contrast ranges. Here the sky is busting with contrast, yet the building, which is the Fatahillah Museum in Jakarta, Indonesia, has hardly any definition at all because there are no shadows or highlights on it. The whole thing also looks quite unreal – which I think simply undermines the viewer's belief in the image.

Working to correct some of the excesses here, I first tackled the domination of yellow simply by turning down the saturation of that channel. This immediately gets rid of some of the Doomsday appearance. I also

can't cope with the building falling over like that, so I rotated it a touch and then used the Edit>Transform>Distort tool to drag it upright again. Once cropped it looks a bit more normal, but the building lacks contrast and shape. I used the Dodge tool (highlights and 8%) to lift some areas of the façade, to attempt to create a three-dimensional effect. The bell tower seems to have been caught by a darkening effect from the sky, which has proved fatal.

The trick here really is to shoot it normally, but to look for an interesting angle or some foreground detail that will make the picture, rather than making us think is the last day of civilization.



Edited

PICTURE
OF THE
WEEK

Original



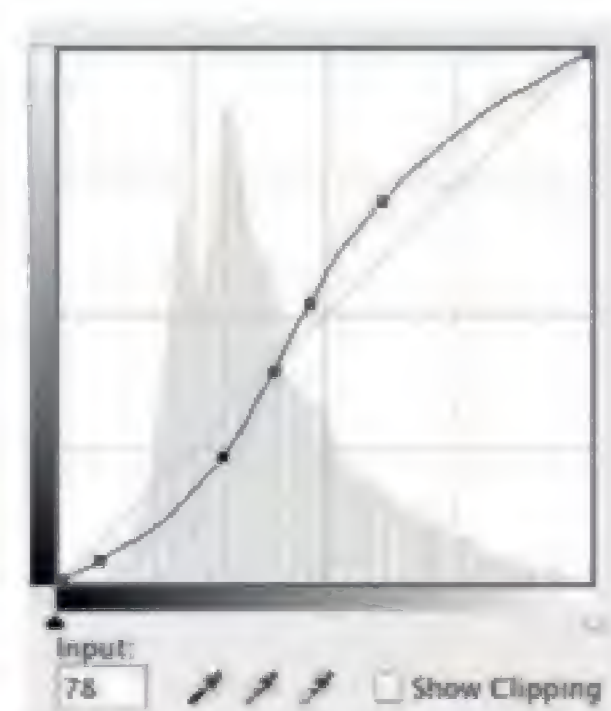
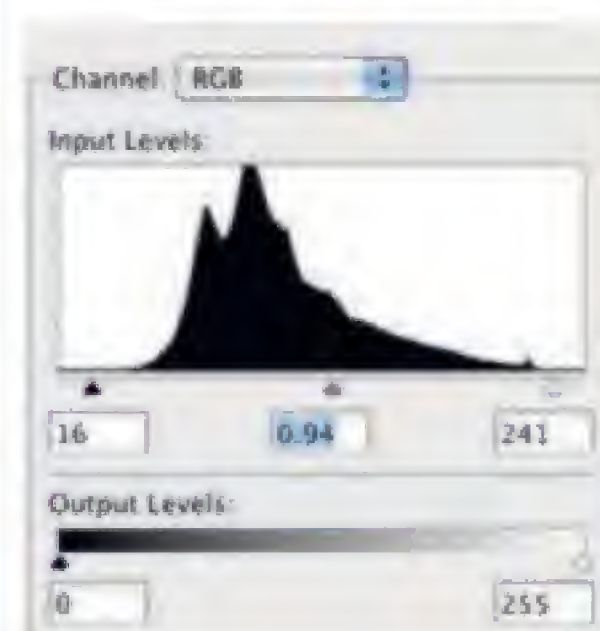
Splash Ian Fyfe

Sony Alpha 500, 75-300mm, 1/400sec at f/7.1, ISO 400

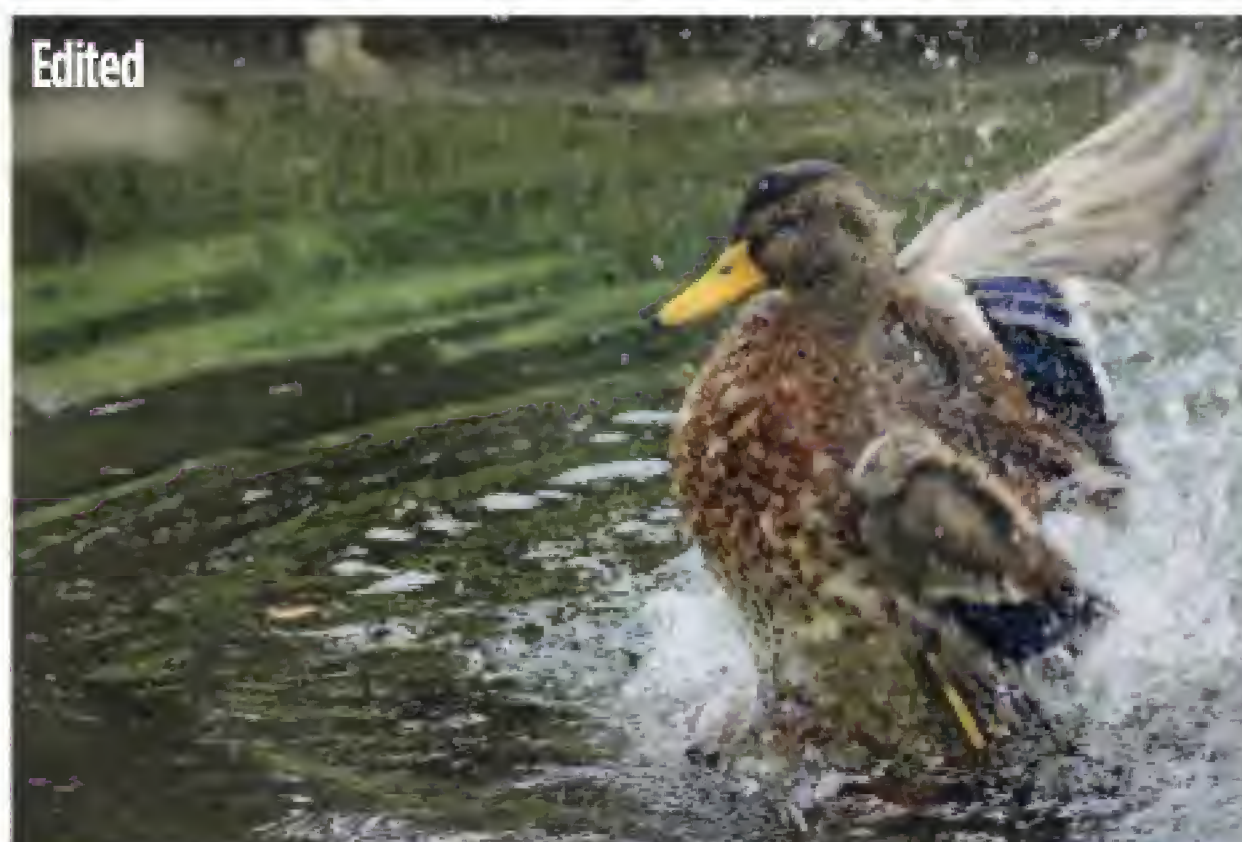
DUCK pictures usually fail to make much of a visual spectacle, but Ian's fine action shot is an exception. With its wings back and its breast forcing the water forward, the splashes look wonderful.

There is a bit of contrast missing, though, so I've used Levels to inject some black into the shot, and then used the midtone slider to darken the whole scene. A dramatic curve has lifted the duck from its background and demonstrates how well Ian has got the creature's bill in focus. The curve has added colour saturation, which works well, and enhances the tonal differences between the bright splashes and the dark water. I used the Burn tool, set to shadows and 8% (I nearly always use 8%), to brush over the green water on the left to darken it down and make the bird stand out a bit more. The final act was to trim the edges and bottom of the frame to make the bird a more significant element in the picture.

It's a shot with great timing and a nice composition that sees the bird sitting comfortably on the right-hand third. Well done, Ian – you win my picture of the week prize.



Edited



PHOTOGRAPHIC SEMINAR SERIES

in association with Amateur Photographer, What Digital Camera, and the SPI



BOOK NOW
LIMITED PLACES
AVAILABLE

BRETT HARKNESS SOCIAL PHOTOGRAPHER

Tuesday 17 April 2012, 6.30pm-8pm

To be held at the Blue Fin Building, 110 Southwark Street, London SE1 0SU

© BRETT HARKNESS

WE are delighted to announce that Brett Harkness (pictured below), the highly acclaimed 'social photographer', will be giving an insight into his amazing photographic style as part of our photographic seminar series.

Brett will talk about his love of travel imagery and reveal the techniques that make his wedding and social business run like clockwork. You can ask questions and find out what makes him tick in the crazy world of high-end weddings.

To be held at the home of

Amateur Photographer and *What Digital Camera*, in the Blue Fin Building, rising above the London skyline, 90 delegates will be treated to an intimate one-and-a-half-hour seminar, including a Q&A session, followed by the chance to buy one of Brett's books at a book signing.

Tickets are sold on a first come, first served basis at £29.99 per head, and include the seminar, a glass of wine and a goody bag.

For more information about Brett Harkness and the secrets behind his beautiful images, including details of his DVD *Real Life Wedding Training*, his courses throughout the year and his latest training book, *The Complete Guide to Organising and Styling Professional Photo Shoots*, visit <http://brettharknessphotography.com>.

HOW TO BOOK YOUR PLACE

EMAIL us at spiadmin@ipcmedia.com with the words 'BRETT HARKNESS SEMINAR' in the subject line. Please include your name, address and telephone number.

POST a cheque for £29, made payable to 'IPC Media Ltd', to Estelle Hicks-Bennett, SPI Seminar, Room 9-372, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Please include your name, address, email and telephone number.

CALL 0203 148 4326/21 to pay by card.

PLEASE NOTE places are only confirmed upon receipt of payment. Tickets are non-refundable.

Supported by



At the heart of the image

SPI SCHOOL OF PHOTOGRAPHIC IMAGING

What Digital
Camera
Photographer



AP Testbench

Over the next few weeks' equipment tests, reader questions and technique pointers



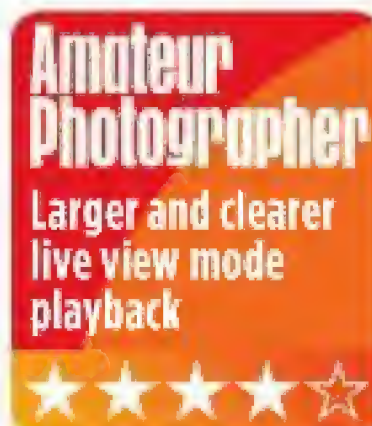
Sony CLM-V55 5in monitor £399.99

www.sony.co.uk

THE SONY CLM-V55 is a 5in WVGA (800x480-pixel) monitor designed for clear live view mode use. The product connects to a camera via a supplied HDMI cable, making it compatible with any camera with an HDMI port. Supplied with the monitor is a hotshoe bracket for Sony cameras, and one that will fit non-Sony models.

The monitor handles really well. It can be tilted or swivelled to any viewing angle, and the included monitor hood protects the screen from bright light. With the hood folded away, the slim design ensures the monitor takes up little space in a kit bag. For long-lasting power, the product uses the same Sony NP-FM500H battery found in most of the company's Alpha cameras (available separately for around £68).

Sound quality can be checked during recording and playback in Sony models via the headphone jack or built-in speaker, but in playback only in most other cameras. Menu options include aspect ratio, pixel magnification and 'peaking', which indicates the point of focus. This is a really handy tool for accurate manual focus, especially in shallow depth of field shots. The monitor is useful for photographers, but clearly video users will get the most out of what is an expensive product. **Tim Coleman**



The AP guarantee to you

All our tests are conducted by people who understand the product area, as well as photography. We aim to discover any shortcomings, as well as finding those aspects that deserve praise. All our tests are thorough, honest and independent

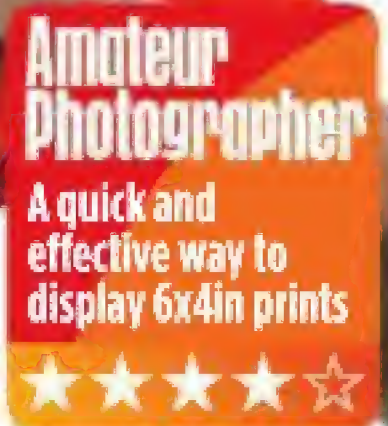
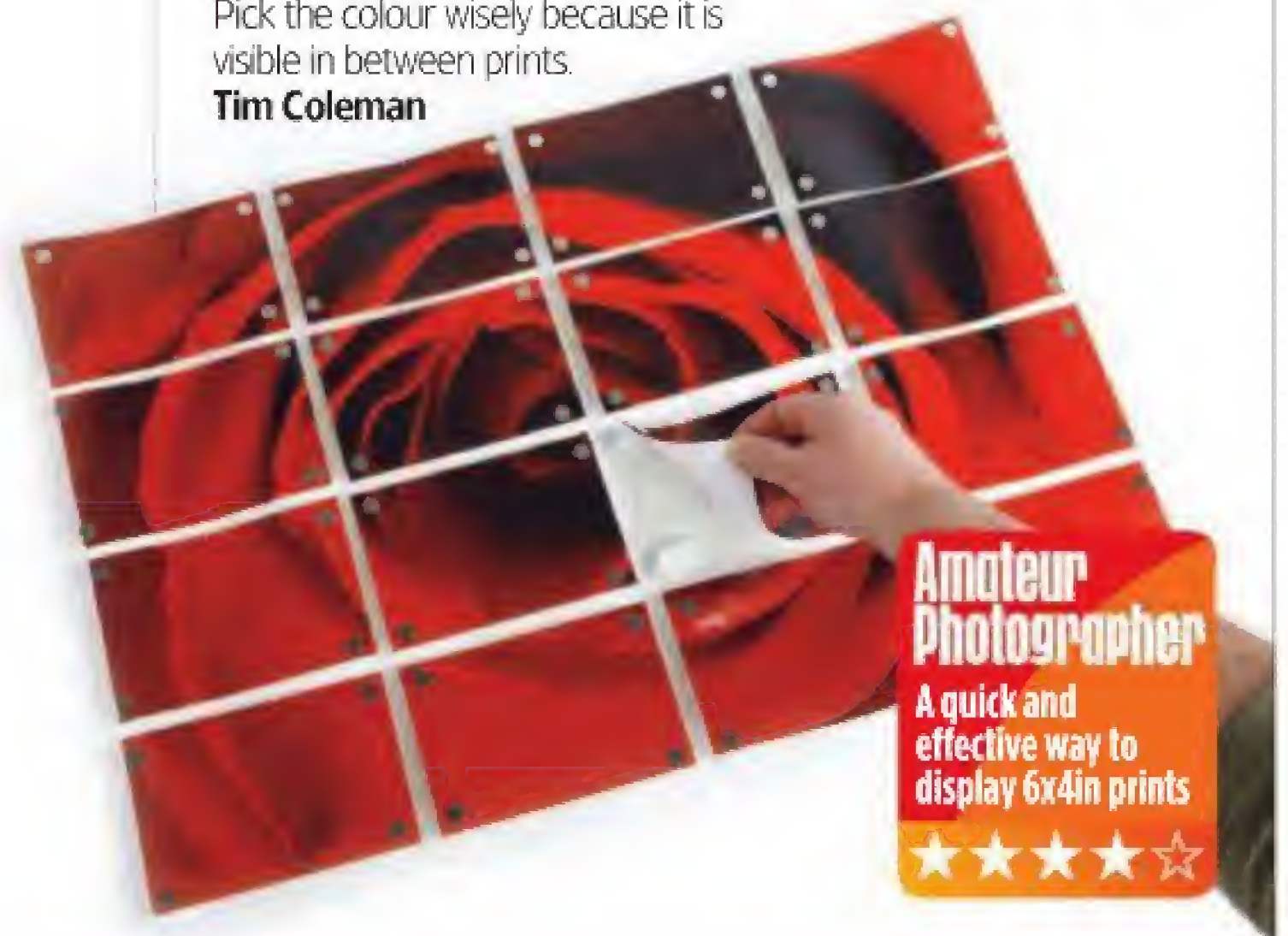
Phlib Original magnetic photo frame From £21.98

www.phlib.co.uk or call 01984 640 325

THERE has never been a greater variety of ways in which we display our photographic prints. Phlib Original frames are another example. Each frame in the range is constructed from a lightweight metal, and 6x4in prints are secured to the frame with the included circular magnets (spare magnets are included). This method of fixing prints is easy and quick to complete. With the prints exposed, it is quick to change them around, too. Exposed prints are, however, at a much greater risk of being creased or bent.

All 'Original' Phlib photo frames are 16mm deep, so the mounted prints are offset from the wall, casting a pleasant shadow. The variety of sizes includes 2x2, 3x3 and 4x4, but it is straightforward to place multiple frames together for a larger wall covering. The metal frame is available in white, red, green or blue. Pick the colour wisely because it is visible in between prints.

Tim Coleman



FORTHCOMING TESTS In the next few weeks AP hopes to run the following equipment through the most rigorous testing procedures in the industry...

Sony Alpha 65

With the same 24.3-million-pixel sensor as the Alpha 77 but £350 cheaper, the Alpha 65 could be the ultimate mid-range camera.
AP 18 February

Epson Stylus Photo 1500W

This budget A3+ printer uses Epson's Claria six-colour, dye-based ink system and features wireless connectivity.
AP 25 February

Nikon D4

With a new 16.2-million-pixel, full-frame sensor, Nikon's professional DSLR may be the best yet.
AP 3 March

Canon PowerShot G1 X

Marketed as 'The Master Compact', the G1 X's 14.3-million-pixel, 18.7x14mm sensor is the largest yet for a Canon compact camera.
AP 17 March

Ricoh CX6

The new CX6 compact from Ricoh offers a 10-million-pixel sensor, 28-300mm lens and 5fps continuous shooting.
AP 31 March

AskAP

Let the AP team answer your photographic queries

FROM BRIDGE TO DSLR

Q I have owned a couple of Fujifilm bridge cameras, the latest being a FinePix HS10. I would like to move up to a DSLR and have shortlisted the Sony Alpha 65, the Pentax K-r and the Nikon D7000.

I am going to be shooting holiday photos of scenery and cathedrals, plus family events, both indoor and outdoor. I would like to use available light in poorly lit situations, choosing flash only when I need it.

I know that I will not have the extreme zoom range that is available on the HS10, but it would be nice to have at least 200mm telephoto available. I realise that it's unreasonable to expect top quality from superzoom lenses, but I have heard that the kit zooms supplied with cameras aren't that great, either. I wonder if, at similar focal lengths, there may not be that much difference between a Sigma or Tamron superzoom and a typical kit lens? Sadly, I will not be able to afford the camera body plus two lenses. **David O'Doherty**

A It's true that superzooms have got much better in recent years, thanks largely to new lens designs and improved precision in optical manufacturing. The same improvements have also meant that other lenses have got better, too, including standard zooms. The average 18–55mm zoom gets a bad press, but I'm not always sure why. Only when comparing it to lenses costing ten times as much are you really going to notice a difference, and the size at which most of us enjoy our photography on-screen or as prints doesn't always warrant this.

Two lenses will always outperform one, both optically and in terms of focus speed and maximum aperture. The latter is important if you are looking to shoot without flash in low light. Although you say you are not in a position to consider a two-lens kit, I would look around again and do some sums.

For example, a Nikon 18–55mm f/3.5–5.6G AF-S VR DX standard zoom and a Nikon 55–300mm f/4.5–5.6G AF-S ED VR DX telezoom will cost you about £435 when bought together. Compare this with a Tamron 18–270mm f/3.5–6.3 Di II VC PZD, which costs about £480, and a Sigma 18–250mm f/3.5–6.3 DC OS HSM, which costs £425. The superzooms may be less hassle in terms of changing lenses, but they won't perform as well.

The three cameras you have named are all good in their own price bracket, but these are quite different. The Sony and Pentax are aimed at the entry-level DSLR user moving up from a compact or bridge camera, and you can expect to pay around £600 and £430 respectively. The Nikon is an advanced camera that is popular with those moving up the DSLR ladder. It has much better low-light performance, faster AF and produces stunning images, but you will pay the price of around £1,000 (body only) for this. Something like Nikon's D3100 (£450) or D5100 (£600) would be better, or what about Canon's popular EOS 600D (£550). Often the only way of separating cameras at such a competitive end of the market is to try them out at your local dealer's shop, where they will be only too willing to help. **Ian Farrell**



ASK...

Be it about modern technology, vintage equipment, photographic science or help with technique, here at AP we have the team that can help you. Simply send your questions to: apanswers@ipcmedia.com

or by post to:
Ask AP, Amateur Photographer Magazine, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU.

IN SEARCH OF CINE

Q Could you tell me where I can buy some reels of 8mm cine film?
William G Marck

A If you think tracking down your favourite still film is tricky these days, finding a supplier of cine film is even harder. Thankfully, there are some specialists around. Try Silverprint in London on 0207 620 0844 (www.silverprint.co.uk). The company stocks Super 8 Ektachrome 100D reversal, and they can no doubt advise where to get the film processed, too. **Ian Farrell**

FOCUSING POINTS

Q I use a Canon EF 50mm f/1.8 II lens on my Canon EOS 7D for portraits and general shots. For portraits I choose Servo AF mode and use a focus point over my subject's eyes. When taking pictures of my young son, who never stops leaping around, all too often a great shot is ruined by an out-of-focus subject. As I suspect the problem is the AF motors in the lens, would the f/1.4 USM version of this optic be better?

I was also wondering if I should choose a 35mm optic because of the crop factor. Would it be worth spending the extra money?
Richard Cooper

A USM lenses definitely focus more quickly, and the Canon EF 50mm f/1.4 USM is a lovely optic that is well worth the expense. I can see that you might not want to spend money on a purchase that still doesn't deliver what you want, though. Maybe you could try hiring a lens for a weekend. Calumet's weekend hire service is great value for amateurs as you pay for one day and get a whole weekend of use, with an EF 50mm f/1.4 USM costing £18 per day. Call 08706 030 303 or visit www.calumetphoto.co.uk/hire.

The 35mm lens would give you a wider angle of view, but it comes at an increased cost. The EF 35mm f/1.4 is a much more expensive lens than its 50mm cousin (£1,159 vs £285), and I think a 50mm lens on a cropped-sensor DSLR is a combination that's hard to beat for portraiture. For these reasons, I'd stick with your original plan and go for the 50mm optic.

f/AQ

What is a non-destructive workflow?

When you edit a JPEG file in conventional image-editing software and save it, you are changing the pixels in the file for ever. This is what's known as destructive editing, because it's hard to accurately reverse those changes later. On the other hand, there are ways of editing an image

FROM THE AP FORUM

Setting the lens aperture

Beatnik69 asks I have a Tamron 90mm f/2.8 macro lens that I'm using on a Nikon D7000. Does anyone know why I can't set the aperture any larger than f/4? Is it possible there's a problem with the lens, a problem with this type of lens on this type of camera, or have I got the settings set in some way that it won't go any larger?

Beejaybee replies I have no issues setting my Tamron 90mm f/2.8 to full aperture on my Canon bodies. It is possibly an issue with the way the lens is communicating with the Nikon body.

Daft_biker replies I think Nikon bodies can be set to communicate the effective aperture rather

than the physical aperture. Does it give you f/2.8 if the focus is on infinity?

Sillyconguru replies Nikons always show the effective aperture when a compatible (that is, 'D') macro lens is used. If the lens is at minimum focus distance, but states, say, f/4 when wide open, it is wide open.

Nimbus replies After reading this thread I dug out my Tamron 90mm and attached it to a Nikon D300 body. It does indicate f/2.8 on infinity focus, going in fact to f/5.6 with the lens at minimum focus distance. I suspect this is no glitch, but does the effective aperture in fact change, in much the same way as that of a zoom lens, as the focal length increases?

Beejaybee replies The lens is twice as far from the focus plane when the focus is set for 1:1, but the physical diameter of the lens isn't changed. The actual aperture doesn't matter much when you're metering through the lens. In the days when we did manual exposure with lightmeters, you had to apply a correction to the exposure when using macro lenses, depending on the reproduction ratio.

When focusing on fast-moving subjects, ensure you are using only the one focus point on your EOS 7D. AF performance is also better in bright light, so the better the conditions, the more likely you are to get sharp pictures. **Ian Farrell**

SORTING OUT SATURATION

Q I have recently upgraded to Photoshop CS5.5 from Photoshop Elements and find myself on a rather steep learning curve. I notice there are a few ways to change saturation, but these all seem to give a completely different result. Am I doing something wrong? **Eric Framer**

A It's interesting that, although you'll find saturation sliders in many parts of Photoshop, they all work in a slightly different way. The Hue/Saturation adjustment (accessible via Image>Adjustments) is the oldest saturation control and works in a rather crude way.

while leaving the original untouched, which makes changing the adjustments later on easier and more effective.

The simplest non-destructive editing technique in Adobe Photoshop or Elements involves Adjustment Layers. Instead of choosing your adjustments from the Image>Adjustments menu and then clicking OK, select them as a new layer that sits over the top of the original image. In Photoshop, this is done from the Layer>New Adjustment Layer menu, or by clicking the shortcut in the Layers palette. You'll notice the Adjustment Layer in the Layers palette above the background layer, and making the edit (such as moving the black, grey and

white points in a Levels dialogue) happens in exactly the same way. The difference is that you can revisit this Levels adjustment at any time, without undoing any other editing steps you may have done in the meantime. That's a very powerful approach to retouching.

Applications such as Adobe Lightroom and Apple Aperture are built on this principle. They hold the original file in one location and make sure it is untouched. All the adjustments you make are held in a database and applied in real time when you look at the file. It's an approach that takes more computer power, but is the most flexible way of editing your photography that you'll find. **Ian Farrell**

In next week's AP

On sale Tuesday 14 February

FIRST LOOK



HANDS-ON PREVIEW

We report on an exciting new camera launched on the eve of Japan's CP+ Camera & Photo Imaging Show

ICONIC IMAGES

GOLDEN YEARS



CONTENT FOR NEXT WEEK'S ISSUE MAY BE SUBJECT TO CHANGE

As an exhibition celebrating 50 years of *The Sunday Times Magazine* takes place in London, Jade Lord looks back at some of its most enduring photographs

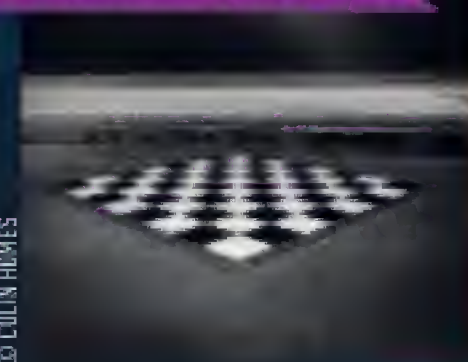
ON TEST

LENS ADAPTERS

We round up the options for compact system cameras, and take a close look at the Nikon FT1 and Sony LA-EA2



LANDSCAPES



© COLIN HOMES

BUILT TO LAST

Colin Homes explains how he makes his palladium prints and why he finds this printing process fascinating

CLASSIC CAMERAS

ICONS OF PHOTOGRAPHY

Ivor Matanle traces the history of the Mamiya Press camera that was introduced in 1960

World Photo

London 27 April – 20 May 2012



Join us at Somerset House for an exciting programme of photography events:

Exhibitions / Workshops / Portfolio Reviews / Networking Events

Visit our website to register today:
www.worldphoto.org/london



Save the Children Registered charity England
& Wales (213890) Scotland (SC039570)

© Sam Pickett, United Kingdom, Action,
Open Competition Commended,
Sony World Photography Awards 2011



Proudly Sponsored by:



theprintspace

official charity partner:



Save the Children

Follow us on:



Front focus



Stacked image



AP guide to...

Focus stacking

Maintaining sharpness with a shallow depth of field is a problem that all macro photographers must face. However, there is a solution: focus stacking. **Richard Sibley** explains how it works

ONE OF the major complications in macro photography is trying to overcome the extremely shallow depth of field that can affect such images. With many macro photographs having a depth of field of just a few millimetres, it can be very difficult to get all the subject in focus.

The photographer's natural instinct would be to reduce the size of the aperture, but when shooting an extreme macro image,

such as an insect, even an aperture of f/64 may not produce a large enough depth of field. Compounding this problem is the fact that the smallest apertures won't produce the sharpest images due to the effect of diffraction.

Luckily, digital imaging has provided a solution. Using the techniques on the following pages, you can learn how to use focus stacking to increase depth of field.

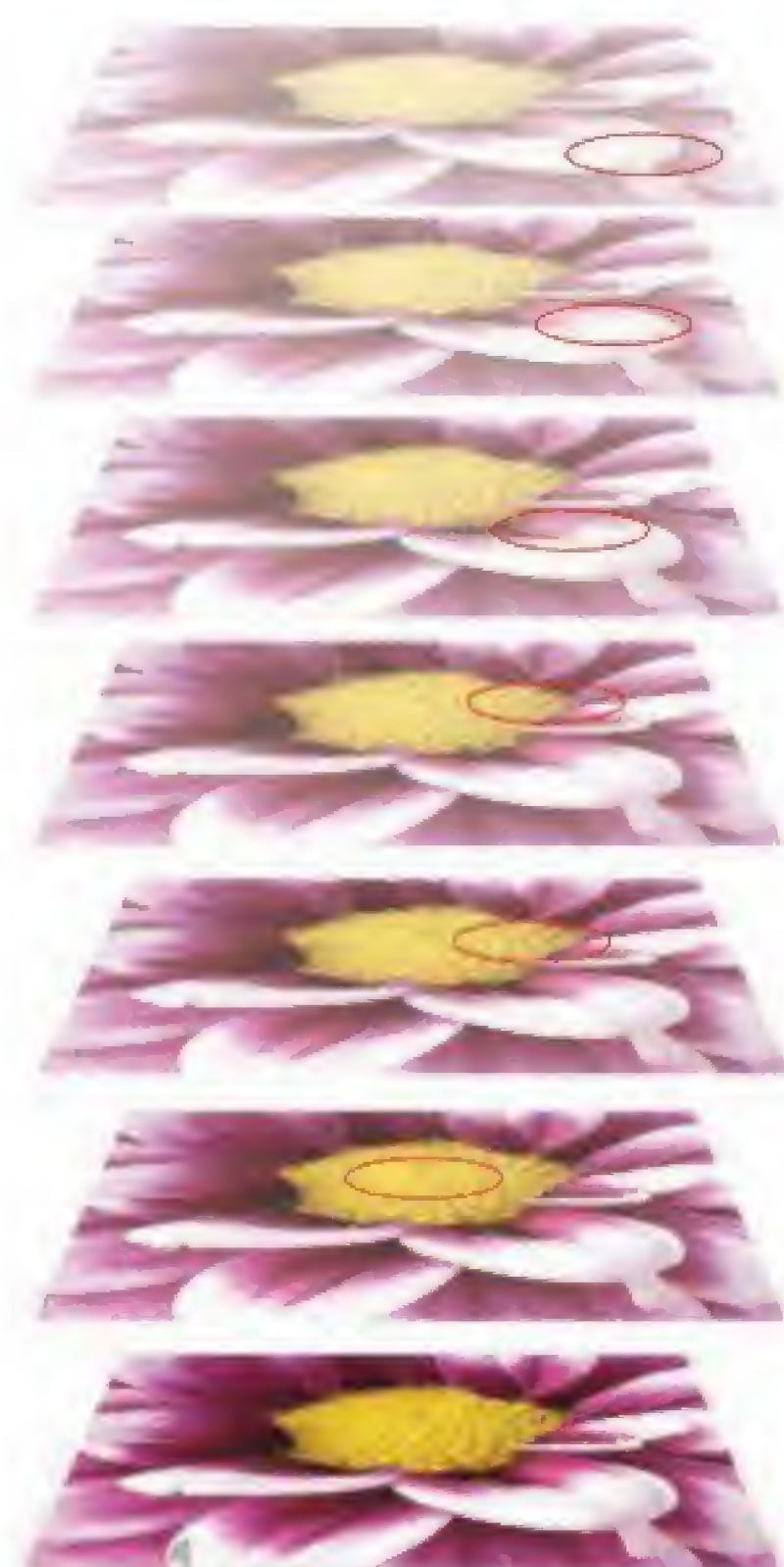
THE BASICS

Focus stacking works by capturing a series of images of a subject, each taken at a different point of focus. With image-editing software, a composite image can then be created that uses the in-focus section of each photograph. The resulting image should have a depth of field greater than that produced by a single shot.

The increased depth of field isn't the only advantage. Focus stacking allows photographers to use a lens at its sharpest aperture, as any concern about this setting not producing a deep-enough depth of field becomes redundant.

Although focus stacking is primarily used for macro photography, it can also be applied to still-life images – and, in fact, for any other image where the subject doesn't move. Even landscape photographers can use this technique to ensure that everything from the foreground to infinity is in focus, while using a lens at its sharpest aperture – so long as it isn't windy, of course.

Above: Focus stacking allows the sharpest aperture of a lens to be used without a shallow depth of field being a concern



Software is used to combine the focus-stacked images into a single composite

REFOCUSING

There are two ways that a focus stack can be created. The most obvious is to lock the camera to a tripod and then photograph the same scene many times, changing the focus point incrementally. The second is to use a micro-adjustment head and rack the camera back and forth to change the focus point of the photograph. Both techniques work, but there are occasions when it may be easier to use one method rather than the other.

When a lens is refocused, its focal length changes. By default, the focal length of a lens is measured at the point at which it focuses to infinity. At its minimum focus this will be different. So when a focus stack is created by focusing the lens, the focal length can change between images. Most focus-stacking software should be able to accommodate these changes, but it is possible that a few more anomalies and artefacts will be created.

Using a micro-adjustment head (see right) to move the lens will mean that the focal length will not change from image to image, but the perspective will. As with the lens-refocusing technique, this will not be an issue for most software, but it can sometimes create artefacts and haloes. As a rule, I would recommend using a micro-adjustment head for extreme macro photography, and try adjusting the focus ring for larger still-life images. The very fine micro adjustments shouldn't be too much of a concern for tiny subjects, and it is a far easier method than precisely adjusting the focus of a lens.



Stacking software detects the area of each image that is in focus and then creates a map of where to blend the images

TOP TIPS

- Make sure the entire subject is in the composition when at the closest and furthest point of focus
- If in doubt, leave some space around the subject
- Be patient and meticulous when taking images
- It is better to take too many images than too few. Excess images can always be removed from the stack
- Use the same exposure for each image in the focus stack
- Keep all stacked images in the same folder

MICRO ADJUSTMENT HEADS

ONE PIECE of equipment that can really aid the shooting of focus-stacked images is a micro-adjustment head. This is a tripod head with a geared plate to which the camera is fixed. A knob controls a long threaded rod and each turn moves the plate/camera combination forwards or backwards, and sometimes from side to side, along the length of the rod. Because even a full turn of the knob may move the camera only a millimetre forwards, it is easy to position, then reposition, the camera in very small increments. Being able to set the point of focus so precisely means the focus area of each image can overlap the previous one, which will help to ensure that the entire final focus-stacked image is in focus.



STEP-BY-STEP CAPTURE

1 Mount the camera and a micro-adjustment head securely on a tripod. Rack the positioning plate so that it is focused on the furthest point you want in focus. Make sure everything you wish to include in the image is positioned in the image frame. It is advisable to leave a little extra space around the subject to aid the software and give room to crop the image later.



2 Set the lens to its sharpest aperture. Usually this will be around 2-3 stops down from the largest setting. If in doubt, set the aperture to f/8 or f/11. In manual exposure mode, calculate the correct exposure by taking a few test images and using the histogram. Once the exposure is set, keep it at these settings throughout the focus-stack series. Make sure the camera is in manual-focus mode so the focus and focal distance do not change.



3 With the exposure set and the lens focused on the furthest part of the subject, fire the shutter to take an image. It is better to use a remote release or the camera's self-timer to avoid camera shake. Any small movements can greatly affect the composition and make it more difficult for the software to 'stack' the images successfully.



4 Once the first image has been taken, review it using the camera's LCD screen. Look how far the depth of field extends and make a note of where it starts to become out of focus. Then move the micro-adjustment head backwards in order to bring the point of focus closer. Move the focus to where it begins to diminish on the previous image. The key is to make sure the focus overlaps with that of the previous image. When satisfied with the focus position, take the next shot.



5 Repeat steps 3 and 4 until enough images have been taken to cover the entire subject. This may be three images or 50, depending on the lens, magnification and subject. For precise micro adjustments, work out how large the depth of field is and then move the camera using the same measurement on the positioning plate.



6 The final image will be the one in which the closest part of the object is in focus. It is always advisable to take one or two shots more than are necessary. These may not be used in the final focus stack, but it is better to take too many images rather than have to reshoot because there are not enough.



FOCUS-STACKING SOFTWARE

THERE are a number of software packages that can create a focus-stacked image, but the two most popular are Helicon Focus (www.heliconsoft.com) and Combine ZM (<http://hadleyweb.pwp.blueyonder.co.uk/CZM/News.htm>). Combine ZM is free to use, but I'd recommend Helicon Focus as it is the

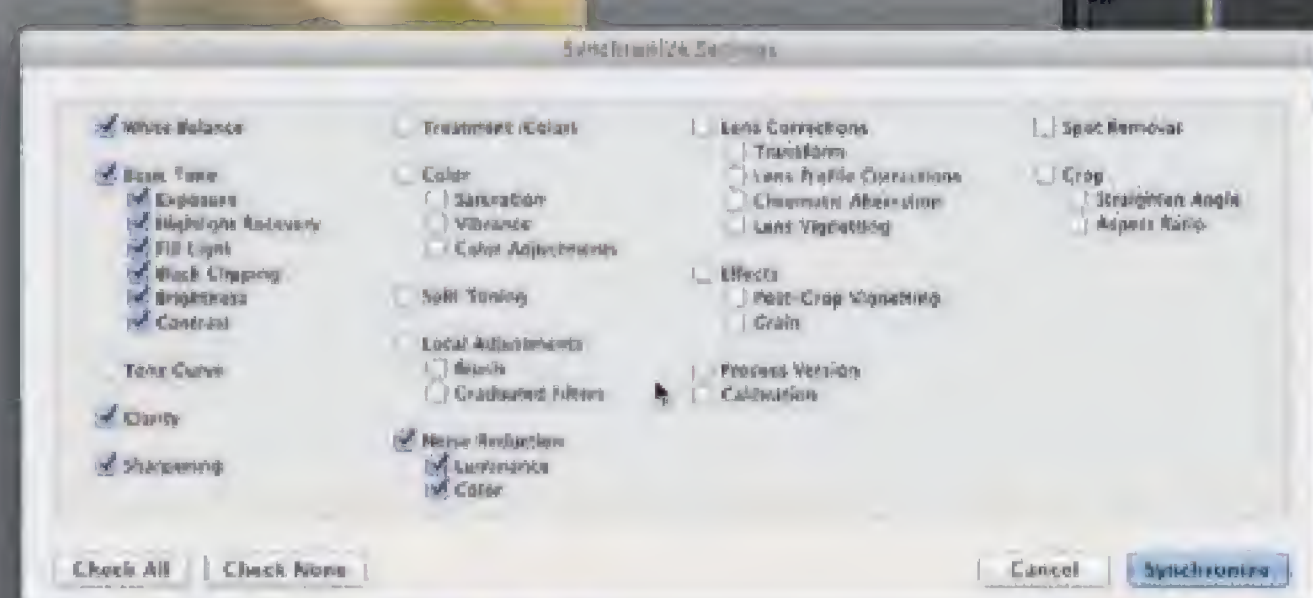
more user-friendly of the two. It is available in both PC and Mac formats and there is a fully functional 30-day trial version available. It costs \$30 (£19) per year, or \$115 (£73) for life, for the Lite version, which will be suitable for most users.

Helicon Focus Pro has many advanced

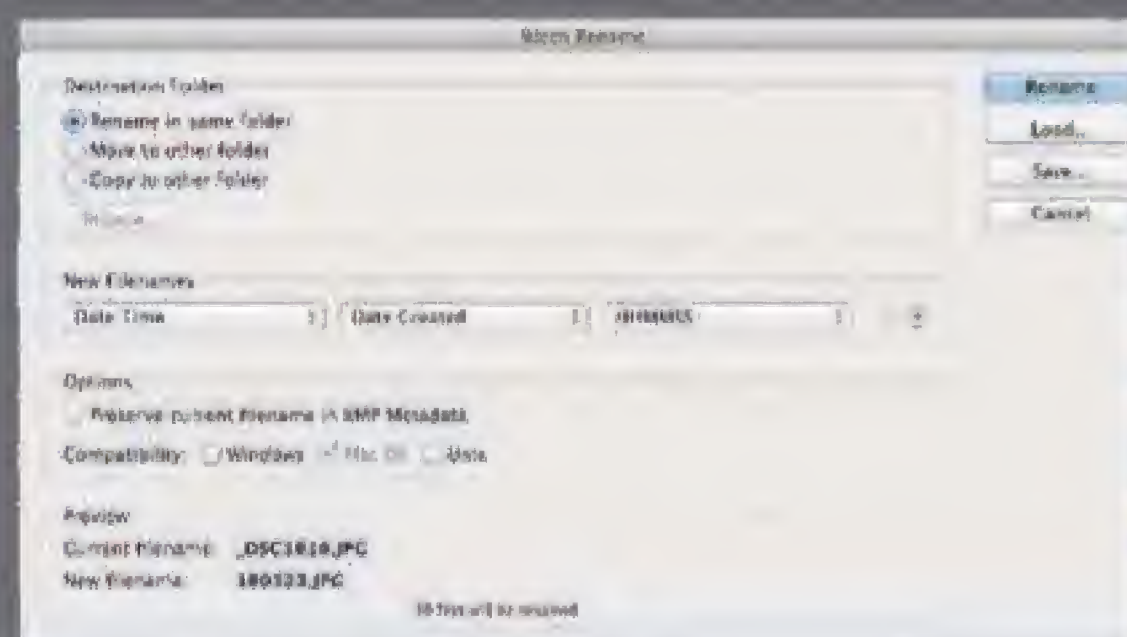
features, such as the ability to retouch individual frames in the stack from within the software. It also offers Helicon Remote, which, with the right equipment, such as the Stack Shot by Cognisys Inc (www.cognisys-inc.com), can help automate focus bracketing by using a motorised micro-adjustment head and firing the camera's shutter.

All the images in this step-by-step guide have been created using Helicon Focus Pro.

STEP-BY-STEP EDITING



1 If you have captured your images as raw files, edit the first one in the sequence until you are happy with the way it looks. Once the raw file has been edited, apply the same settings to all the other images in the stack and export them as JPEG files.



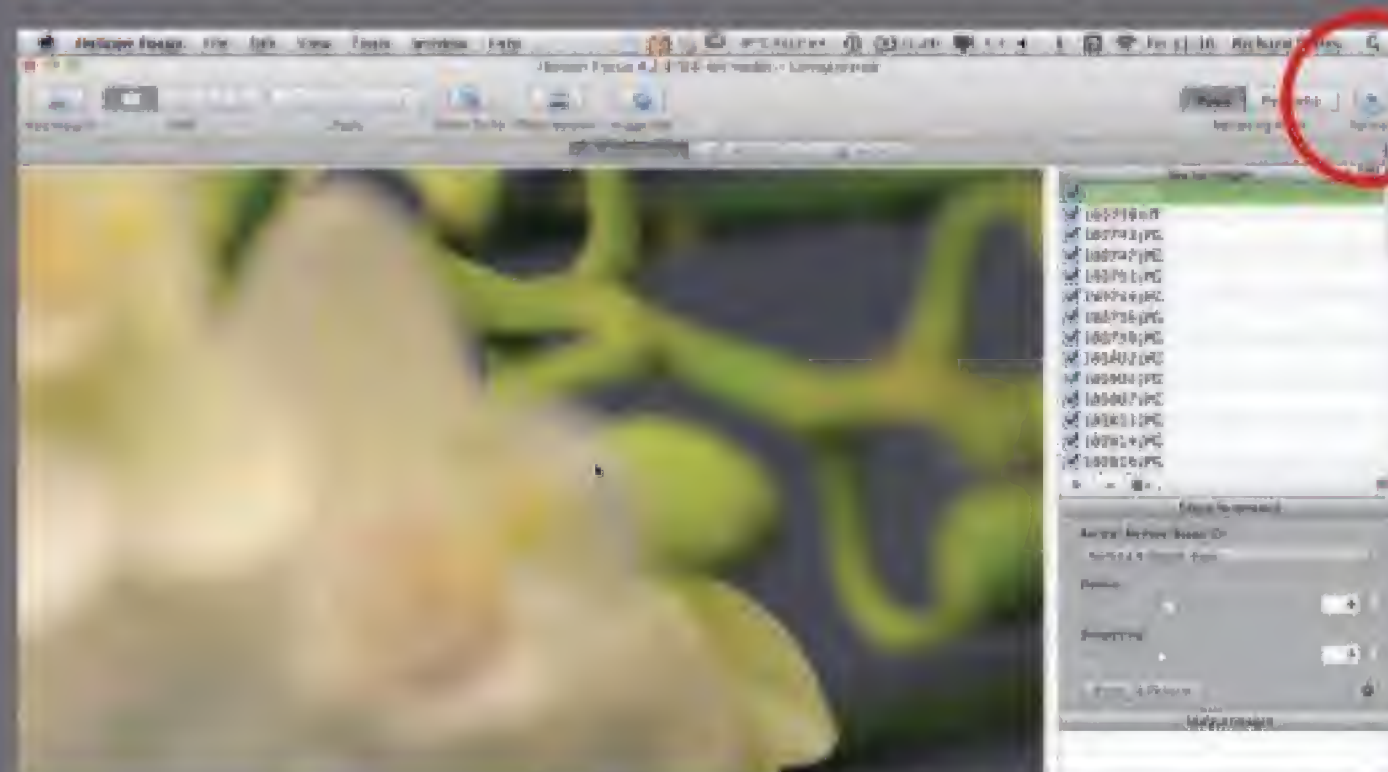
2 It can be helpful to rename the images so they match the time they were captured to form a sequence. This can be done once the images have been converted. In Adobe Bridge, select all the images, right-click and choose Batch Rename. Then select Date and Time, and then Date Created.



3 Now load the focus-stack sequence into the software. To import images, select Add images in the top left of the software. Provided all your images are in the same folder, it is easy to add them all in one go.



4 Check the image list on the right-hand side and make sure that all the pictures are in the right order and all are needed in the stack. To remove any unwanted images, select the image and press the '-' button. Conversely, if a photograph is missing, press the '+' button and select the missing image from your computer.



5 Creating the stack should now be as simple as selecting Render in the top right of the software. Usually the default Focus Parameter values for the Render Method, Radius and Smoothing will provide a good focus-stacked image straight away.

6 If there are image artefacts, adjust the Radius and Smoothing values. Increasing the Smoothing can remove visible joins between focus areas, but it causes a loss in detail. Some areas may need to be individually retouched. Helicon Focus Pro has tools to do this. Often it is easier to reshoot the stack or spend some time adjusting the settings until the final image requires minimal retouching. Some haloes are caused by perspective obscuring part of the image. The only thing you can do about these is retouch them by cloning from an area nearby.





Clothing And Accessories Designed With Photographers In Mind

Extreme Jacket 2

Some main points/features...

Outer shell is 100% polyester micro suede, DuPont Teflon treated to repel dirt, water and unwanted stains, with TPU lamination in more than 8033mm waterproofing and 5826g/m²/24hrs breathability

Two way side zips allow you to crouch/sit easily and comfortably with freedom of movement and allow access to trouser pockets without opening the front of jacket

2x Expandable floating pockets with removable anti-shock padding for lenses & cameras

2x Chest pockets for memory cards, batteries and other photography accessories

2x Bellowed Chest compact pockets and 2x Fleece lined hand warmer pockets

1x Extra large rear pockets expands to "Sit Anywhere Sheet"

For full details please see web www.stealth-gear.com

Jacket/Vest and Trousers available in 'Rural' green and 'Urban' grey

Extreme Trousers 2N

Outer shell is 100% polyester micro suede, DuPont Teflon treated to repel dirt, water and unwanted stains, with TPU lamination in more than 8033mm waterproofing and 5826g/m²/24hrs breathability. Reinforced panels 100% nylon, waterproof and breathable and windproof, DuPont Teflon treated, in contact areas. Removable knee pads - Removable internal gaiters - Brace attachments - Ventilation zips on top sides of trousers, stay cool in summer Adjustable waist straps, for the perfect fit - Velcro adjustable ankle straps to pull the trousers in or out - High back - Mesh inner for breathability - Taped seams for guaranteed waterproof 2x Accessory pockets which are ideal for carrying valuables 1x Dual CF memory card holder - 2x Mesh ventilation zip downs (top) - 2x Press stud lens/accessory side pockets, 2x Bellowed press stud accessory rear pockets - All Pockets are fully waterproof

Extreme Detachable Fleece 2

Can zip into Extreme Photographers Jacket 2 - Forest Green Colour - Stylish design - Lightweight - 100% polyester laminated with TPU and 100% polyester mesh - Weight of the fleece with lamination is 270g/m² - Elasticated cuffs to prevent wind entering the fleece - Reinforced 100% nylon shoulders - Showerproof - Breathable - Pull cord to allow you to pull the fleece into your body to prevent wind entering the fleece - New improved fleece collar

One & Two Man Hides

The camo-tree camouflage pattern was designed in the U.K. by a team of photographers, specifically for the U.K. countryside, and is suitable for all year round use. Hides are of spring steel construction and can be setup in seconds. There is a cup holder in chair and both are ideal to be used with monopod & tripods. Both are manufactured from heavy duty polyester material and come with a carry backpack.

1 Man Hide: Height :1.35M - Base length :1.1m - Base width :0.8m Weight approx: 11.7lbs. (Blind & Chair)

2 Man Hide: Six windows for 360° viewing - Height: 1.52M Length: 1.55M - Depth: 1.32M - Weight approx: 17lbs (Blind & Chair) Chair capacity: 500lb

NEW! Aqua and Square hides available - please see web

Photographers Gloves

Perfect balance between warmth and camera control. Thumb & index finger access ports plus adjustable wrist strap.

Silicone palm for firm grip on equipment. Waterproof breathable outer shell. Laser cut and heat sealed fingertip ports.

Available in 5 sizes small, medium, large, XL and XXL.

Double Bean Bag

This double bean bag has a unique 2 in 1 removable shoulder/adjustable securing strap. This strap allows you to carry the bean bag comfortably and allows you to wrap the strap around branches, fences etc for extra support. Also features a handy pouch at the back, ideal for storing lens caps, memory cards etc.

High Quality Square Filter System

Available Filters

GREY - ND8, ND4, ND2 & Graduated Graduated - Brown, Blue & Sunset

Specials

Red, Yellow, Star 8, Star 4 & Circular Polariser

Accessories

Standard & Wide Angle Filter Holder, Storage Box, Modular Lenshood & Adapters in sizes...

49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm, 82mm & 86mm

All Filters Fit The Cokin 'P' System

All items are manufactured to our usual high standard to give years of trouble free use. If you require any further information regarding this system, please visit the website...

www.stealth-gear.com

More details and NEW PRODUCTS can be found on website...

Web: www.stealth-gear.com

Distributed in the U.K. by Alpha Digital Services Ltd. T: 0118 933 7000 E: sales@alphadigitalservices.co.uk

NEW YEAR... NEW SKILLS!

Improve your photography with the **SCHOOL OF PHOTOGRAPHIC IMAGING**.
Enrol today, receive your student pack and start learning new skills!



PHOTOGRAPHY
COURSES



'An SPI photography course will provide you with the confidence to take great photos'

Damien Demolder
Editor, Amateur photographer



- Courses to suit all levels of experience
- Study in your own time
- Receive detailed feedback from a professional tutor
- Huge savings on Adobe Photoshop CS5
- Split the monthly payment costs
- Half-price magazine subscriptions
- Subject-specific, bite-sized courses from only £75
- Dedicated student area and online forum

DIPLOMA IN DIGITAL PHOTOGRAPHY

COURSE LEVEL INTERMEDIATE/ADVANCED

- Working with tones: Levels & Curves
- Contrast control
- Using white balance
- Black & white techniques, toning and staining
- Working with colour
- Retouching and sharpening
- Sizing, printing and storing



COURSE
FEES ONLY
£299

FOUNDATION IN DIGITAL IMAGING TECHNIQUES

COURSE LEVEL BEGINNER

- Size and crop a digital image
- Adjust tones, correct colours and convert your images
- Use the selection tools to adjust your images
- Remove dust and scratches from precious photos
- Banish redeye forever
- Sharpen your images
- Create an archive to safeguard valuable pictures



COURSE
FEES ONLY
£195

FOUNDATION IN PHOTOGRAPHY

COURSE LEVEL BEGINNER/INTERMEDIATE

- Winning compositions
- Landscapes with impact
- Expert metering techniques
- Shooting striking portraits
- Mastering still-life
- Depth of field control
- Controlling flash
- Shooting wildlife and nature
- Using colour
- Sports and action shots
- Choosing the right lens



COURSE
FEES ONLY
£299

FOUNDATION IN DIGITAL PHOTOGRAPHY

COURSE LEVEL BEGINNER

- Viewpoint and composition
- How to use your camera's program modes
- All about lenses
- Sharpening your image
- Formatting, sizing and printing
- ISO, flash, exposure and white balance setting
- Basic image editing



COURSE
FEES ONLY
£299

FOR DETAILED COURSE CONTENTS OR TO ENROL VISIT
WWW.SPI-PHOTOGRAPHY-COURSES.COM OR CALL **0203 148 4326**

Please quote ref: SPI03

To enrol send this coupon to The School of Photographic Imaging Administrator, IPC Media, Blue Fin Building, 9th Floor, 110 Southwark Street, London SE1 0SU

☐ Yes, I would like to enrol on

☐ Please send me more details

Mr/Mrs/Ms Forename

Surname

Address

.....

Postcode

Daytime tel number

Email

If you would like to receive the SPI student e-newsletter, please tick here ☐

HOW TO PAY: (UK RATES)

Overseas fees available on request

BY CHEQUE OR POSTAL ORDER:

Made payable to IPC Media for: ☐ £299

BY CREDIT CARD: ☐ Please debit £299

Mastercard ☐ Visa ☐

Card number

Issue number

Start date

Expiry date

Three-digit security number

Signature (I am over 18)

BY DIRECT DEBIT:

Please note, if you are paying by

Direct Debit the full cost of the

courses will be £300 *

☐ Yes, please send me a bank instruction

form to deduct three monthly debits of

£100 from my account or

☐ Six monthly payments of £50

* For the Foundation in Digital Imaging

☐ Please send me a bank instruction

form to deduct three monthly debits of £65

Signature (I am over 18)

JIGSAW
photobox

Nikon

If you would like to receive emails from the SPI containing news, special offers and product and service information and take part in research, please tick here ☐

Amateur Photographer, published by IPC Media (IPC), will collect your personal information to process your entry. IPC would like to contact you by post or telephone to promote and ask your opinion on our products and services. Tick here if you prefer not to hear from IPC ☐

IPC will occasionally pass your details to carefully selected organisations so they can contact you by telephone or post with regards to promoting and researching their products and services. Tick here if you prefer not to be contacted ☐

International CES[®] RoundUp

The **Consumer Electronics Show**, held in Las Vegas, has become the new launch pad for photo products as the technologies merge. *Amateur Photographer* was on hand for the latest news

As cameras are increasingly integrated into and associated with consumer electronics rather than being seen as specialist devices, photo manufacturers have chosen to merge the PMA show with the much larger CES. With more than 3,100 exhibitors, it was easy to miss the cameras among a sea of televisions, cinema and audio devices. Even though Canon and Nikon had large stands in the central halls, they were still dwarfed by the more general electronics brands such as Sony and Panasonic. Nevertheless, there were still plenty of photographic products on display.



WITH much speculation about if or when Canon will release a compact system camera, the PowerShot G1 X appears to take the company a step closer to this market. It has an almost APS-C-sized sensor in a compact body, though still with a fixed-zoom lens. The G-series PowerShot cameras have been considered as the natural source of any CSC model and we can now debate as to whether the G1 X is a stepping stone rather than a pure alternative.

There is no doubt the G1 X owes much of its styling to the PowerShot G12, and at a distance it would be easy to mistake one for the other. Once in the hand, the G1 X is slightly larger, most noticeably in depth thanks to the more significant grip, and

133g heavier. The button layout is almost identical, with only the rear exposure lock button replaced by a direct movie record button, the ISO dial swapped for exposure compensation and the top-left dial removed to allow a pop-up flash. The lens is a shorter 4x zoom (28-112mm equivalent), although due to the larger sensor this involves much larger optics than the 5x zoom of the G12.

The brand-new CMOS sensor retains the 4:3 ratio of Canon's compact sensors rather than the 3:2 of its DSLR sensors, so despite having the same pixel size as the 18MP, 22.3x14.9mm, APS-C sensor in the EOS 600D, the 14MP, 18.7x14mm sensor in the G1 X is not as wide. This new sensor design seems a tad extravagant for use

Sony launches quartet of compacts

Sony used its CES attendance to release four new Cyber-shot cameras, alongside a mountain of other technology. The DSC-W630, W620, W610 and S5000 all feature 360° Sweep Panorama modes and image stabilisation. The DSC-W630 is the highest specified of the four, with a 16.1-million-pixel sensor and 5x zoom, optical stabilisation, intelligent auto and picture-effect modes.



in just one camera, so we can expect to see it in future models.

The processor is the new Digic 5 model shared by the PowerShot S100. This includes iSAPS (intelligent Scene Analysis based on Photographic Space) technology that is claimed to select the key functions based on previous shots to improve AF, exposure and white balance. The combination of sensor and processor allows an ISO equivalent up to 12,800, which Canon says is up to its DSLR standard. Exposure compensation is available up to $\pm 3\text{EV}$ and auto bracketing by $1/3\text{-}2\text{EV}$, while metering offers evaluative, centreweighted and spot options, with links to face detection and AF frame in spot and evaluative options.

Images can be saved as JPEG or 14-bit CR2 raw files, and full HD (1080p) video as MOV format. Shooting modes include full manual, priority, program and smart auto options. There are also two custom modes, a range of scene modes and colour effects.

The 3in, 920,000-dot LCD screen is mounted on a vari-angle bracket for easy composition, filming and image review from almost any angle. The G1 X also features an optical viewfinder with dioptre correction and motorised zooming to match the focal length of the lens. This seems little changed from the G12, and it would have been nice to see some form of projection onto the screen as seen in the Fuji X100 hybrid viewfinder. The lens features an f/2.8-5.8 aperture, 4-stop optical image stabilisation and 20cm minimum focusing.

The G1 X seems to handle nicely and those familiar with the PowerShot G series will be at home with its operation. Although it is not as revolutionary as we would have liked, the ultimate test comes in image quality and we hope to bring you a full test very soon.

The Canon PowerShot G1 X goes on sale this month, priced £699.

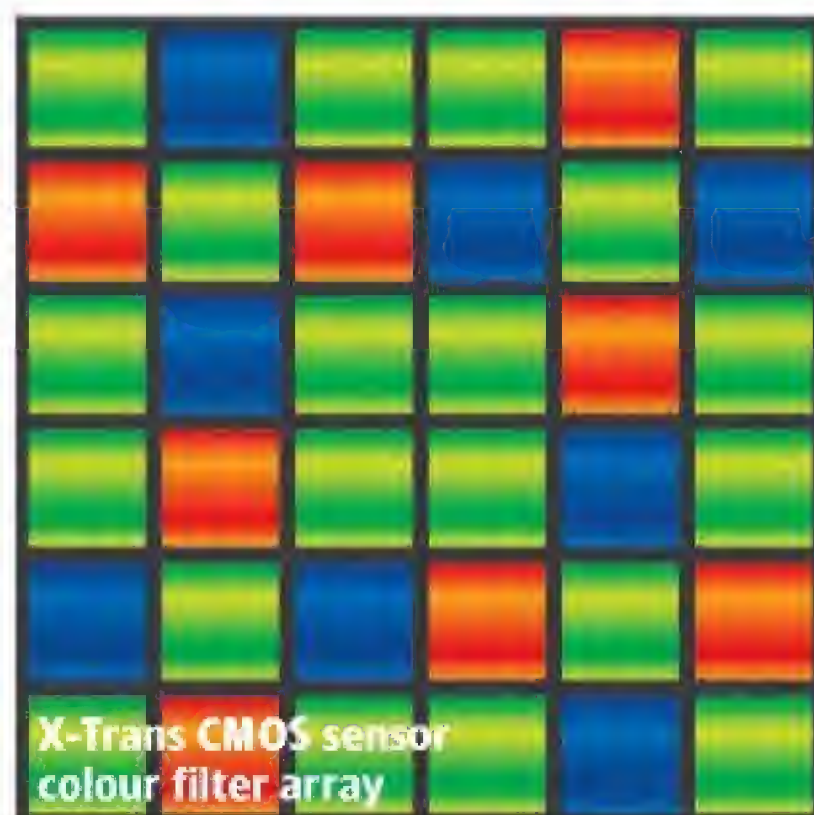


HOW THE FUJIFILM X-PRO1 SENSOR WORKS

IN AN in-depth discussion around the new X-Pro1, Hiroyuki Saitou, Fujifilm's operations manager in the Product Planning Division, told AP that the philosophy behind the new flagship model was to achieve the highest possible image quality.

The new X-Trans CMOS sensor behaves more like film than the standard Bayer pattern design with a 6x6 pixel array, and therefore doesn't require the low-pass filter to avoid moiré. This in turn means that resolution is higher and will outperform even full-frame cameras at certain ISO.

The Fujinon XF lenses use specially moulded blades to cause less internal



reflections and better bokeh. The current plan is for a total of 9-10 lenses within two years, with a 28mm f/2.8 pancake and 70-200mm f/4 due first, followed by a 23mm f/2 and a 12-24mm f/4.

According to our photo-science consultant, Professor Bob Newman, the X-Trans sensor array may handle one problem by causing another. 'The irregular colour matrix doesn't stop aliasing; what it does is make the colour aliasing irregular. This means that the aliasing might be less noticeable as moiré patterns, but will certainly exist and appear as chroma noise around the edges.'

Adobe announces Lightroom 4 Beta

Adobe announced the public Beta version of its forthcoming Lightroom 4. This process has become standard practice with Lightroom releases to give users the chance to try out the new features and give feedback before the final version is produced. New features so far include local adjustment controls for noise reduction, white balance and moiré, and new basic tonal adjustments using highlight and shadow sliders. Video can now not only be viewed but also trimmed and re-coloured to match the toning of images. Photo books get their own tab, allowing custom page layouts and upload straight to Blurb. For a more detailed preview turn to pages 56-57 of this issue.

NEW MEMORY CARDS GOLLA TAKES IT CASUAL

ON THE eve of CES, Lexar announced the first 1,000x memory card and a 256GB card. The new 1,000x UDMA 7 CompactFlash card comes in 16GB, 32GB, 64GB and 128GB capacities with a minimum sustained read speed of 150MB/s and 20MB/s video capture. The 256GB card is a 400x CompactFlash card.

During the show Lexar also announced further additions to its card and JumpDrive Memory Stick ranges. A new 400x SDHC card is available at up to 128GB, as well as 600x SDXC UHS-I cards in 32GB and 64GB. The JumpDrive S73 features USB 3.0 technology with up to 45MB/s read and 20MB/s write speeds in 16GB, 32GB and 64GB capacities, while the JumpDrive Triton is a high-speed USB 3.0 device with up to

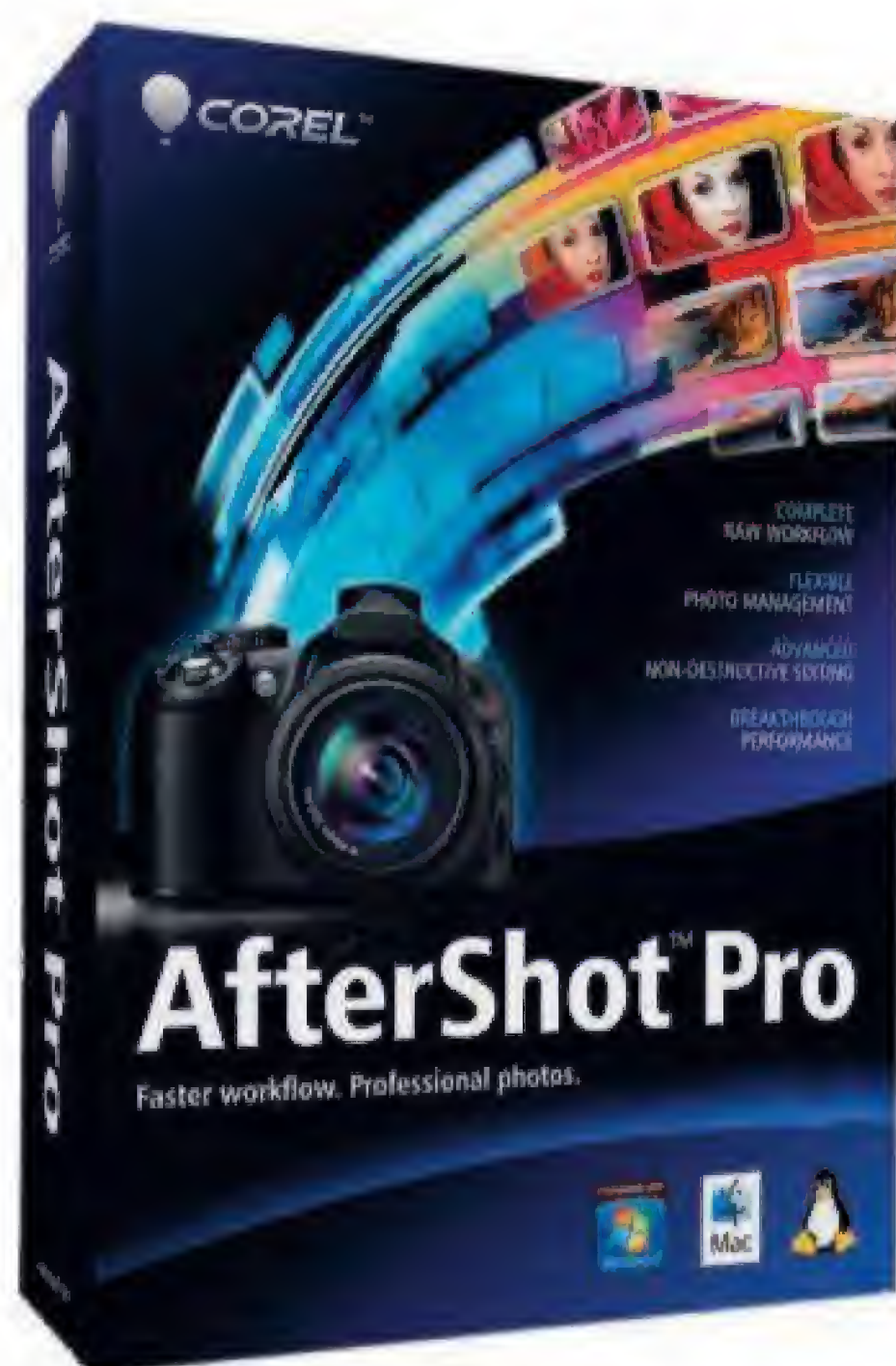


155MB/s read and 150MB/s write speeds in 8GB, 16GB, 32GB and 64GB capacities.

SanDisk also announced new 64GB and 128GB SDXC UHS-I cards to feature in its Extreme range. For these new models, SanDisk quotes a more conservative 45MB/s read/write speed, compared to Lexar's 90MB read and 60MB write guarantees.

GOLLA announced its 2012 bags and cases, and this year's look is about a 'casual fashion'. The main colour for the year to come will be a navy blue and a bright blue, with new photo bags also including a range of other colours. The most noteworthy addition is the new Camera Bag L, with space for a DSLR and additional lenses, available only in dark blue. The range also includes laptop, phone and tablet cases, and a G Bag to carry a laptop and other gear. For more details, visit www.golla.com.





AFTERSHOT PRO SIGMA PRIMES 180mm f/2.8 FOR UK LAUNCH

COREL'S new photographic workflow solution, AfterShot Pro, may look familiar to some users. That's because it is based on the work of Bibble Labs, the company and popular imaging software that Corel bought out at the start of this year. As with Bibble, the software remains available for Windows, Mac and Linux, and is designed to make the most out of raw files. It also

continues Bibble's tradition of optimising the processing speed to make the most of multi-core processors up to 16-core.

The software incorporates Noise Ninja for noise reduction and provides integration with Corel PaintShop Pro. AfterShot Pro is available now, priced £79.99 as a download or as a boxed copy. For more information, visit www.corel.com/corel.

INDEPENDENT lens maker Sigma used CES as the launchpad for what it bills as the world's first 180mm f/2.8 macro lens to deliver a 1:1 magnification ratio.

The Sigma APO Macro 180mm f/2.8 EX APO DG OS HSM will effectively replace the firm's 180mm f/3.5 EX DG macro lens, which has already been discontinued.

A UK spokesman said: 'At 1:1 magnification, this lens has a focusing distance of 47cm, which is a greater working distance than shorter-focal-length macro lenses.'

'This is advantageous when taking pictures of highly sensitive subjects such as butterflies and insects.'

The newcomer includes full-time manual focus override and Sigma's Optical Stabiliser technology, which, claims the firm, will allow the use of shutter speeds around 4 stops slower than would otherwise be possible.

The 19-elements-in-14-groups lens features nine diaphragm blades and will be available in Sigma, Canon and Nikon fits.

The 180mm f/2.8 optic is due out in May or June at a price yet to be announced.



The AfterShot Pro workspace has the familiar look of Bibble Pro



BETA SHELL

PHOTOGRAPHERS working in the ordnance disposal industry will be glad to know that an American firm was showing a new range of bombproof lens and camera canisters. Beta Shell products comprise a 'super-tough ABS polymer' cylindrical body packed with memory foam and a water-proof screw or bayonet fastening lid. The cases range from \$40-\$80 (£25-£50) and come in sizes to fit a single lens to a DSLR body. Visit www.betashell.com for details.



SAMSUNG'S WI-FI COMPACTS

SAMSUNG has launched its fourth-generation Wi-Fi compact cameras, which can now communicate directly with secondary devices without the need for a wireless hotspot. New models will arrive in the long-zoom, slim and Dual View categories of the company's compact line-up, and enable users to upload images via a mobile phone or hotspot to online storage, a website or an email server.

The WB850F features a 21x zoom and a 16.2-million-pixel backlit CMOS sensor, while the WB150F has an 18x zoom and a 14.2-million-pixel CCD unit. The company added to its ST range with the ST200F – 10x zoom and 16.1-million-pixel CCD – and Dual View DV300F backed up the twin-screened DV range just before Christmas.

While previous Samsung Wi-Fi models have been able to communicate with other devices, such as the Galaxy S II smartphone,

PCs and TVs, contact could only be made via a hotspot or internet router. The new models use a protocol called Wi-Fi Direct that enables equipped products to communicate directly without a third-party device to receive and send the messages. The idea is that even when miles away from a hotspot, users can send a picture from the camera to a smart phone and send it from there via the 3G network to 'cloud' storage or a website. At home, the cameras connect directly with an enabled TV or computer, as would be the case with Bluetooth.

Samsung has said in an interview with AP that it expects all its mid to high-end cameras to be Wi-Fi enabled in the future, including models from the NX compact system camera range. The latest batch of Wi-Fi compacts – the ST200F (£179.99), WB150F (£199.99), WB850F (£299) – will be available from April.

LaCie drives arrive with Thunderbolt

Computer hardware manufacturer LaCie announced a range of storage drives based around Intel's Thunderbolt connection port for Apple. The Little Big Disk drive is available in 1TB, 2TB and 240GB SSD Thunderbolt versions, with speeds of up to 480MB/s from the SSD and faster when daisy chained with multiple units. The larger 2big unit is available in 4TB and 8TB capacities, with speeds of up to 314MB/s and up to 676MB/s when using four or more together. An eSATA Thunderbolt hub is also available for connecting external eSATA drives to a Thunderbolt port. The drives are due to be on sale through the LaCie website at www.lacie.com/uk, and Apple stores.



TOSHIBA STRIKES FIRST ON NEW SD CARD WIRELESS STANDARDS

NEW STANDARDS for wireless communication between SD cards and secondary devices have already been acted upon by Toshiba, as the company showed its FlashAir memory-type cards.

The Wireless LAN SD standard, agreed by members of the SD Card Association, will allow cards not only to communicate with home networks and public hotspots, but also directly with other compatible devices, such as PCs, tablets and mobile phones.

The new standard allows for communication to and from the card, so unlike the existing Eye-Fi cards, SD models that comply with the standard will be able to receive data as well as send it. This means two cameras can share images, and it will be possible to send firmware updates directly to the camera from a computer without first having to remove the memory card.

Toshiba's FlashAir cards will be available in sizes up to 8GB and will feature class 6 speeds. The standard applies to all formats of SD card (SD/SDHC/SDXC) as well as full and micro sizes, but it is not clear yet whether Toshiba will market FlashAir in Micro SD.

Sales should begin in February, with an estimated price of \$70 (around £45) for an 8GB full-sized card.



SEVEN NEW OLYMPUS COMPACTS

THE 16MP, touch-panel-equipped SH-21 was among an avalanche of new Olympus compacts to land in Las Vegas.

Featuring a backlit CMOS imaging sensor and full HD (1080p) movie recording, the SH-21 is due out this month, priced around £190.

It includes a 3in, touch-sensitive, 460,000-dot-resolution, LCD screen that enables the user to focus and take the picture by touching the monitor. Its lens is designed to deliver the 35mm viewing angle equivalent of a 24-300mm zoom.

Also showcased at CES was the 14MP

SZ-14, boasting a 24x optical zoom (25-600mm equivalent) and due out this month priced £199.99.

Two Ultra Zoom 'Traveller' models have emerged in the shape of the SP-720UZ (£229.99, due in March) and the SP-620UZ (£179.99, due this month).

The latest addition to the Olympus Tough range is the 're-styled' 14MP TG-320 (£139.99, out this month), which sports a 2.7in 'scratch-resistant' LCD and is designed to be waterproof down to 3m.

The 16MP VR-340 (£129.99) and 14MP VG-170 (£99.99) will also debut this month.



VISIT US AT
FOCUS ON
IMAGING 2012
STAND B12

Perma
Jet



Choose From This Extensive Range

Digital Photo

Gloss, Oyster, Ultra Pearl, Matt Plus & Matt Proofing

FB Baryta

FB Distinction, FB Gloss, FB Gloss Warmtone, FB Royal, FB Delta Matt & FB Photo Art Pearl

Smooth Fine Art

Portrait Velvet, Portfolio, Portrait, Portrait White, Omega, Alpha & Smooth Art Silk

Textured Fine Art

Artist, Museum, Parchment & Papyrus

Double Sided

DS Matt, DS Oyster, DS Portfolio & DS Portrait

Canvas

Artistic, Photo Matt, Photo Semi-Gloss, Fine Art Matt & Fine Art Semi-Gloss

The PermaJet range of high quality inkjet paper and canvas includes something for everyone.

Benefits

- Sheets from 6" x 4" up to A2
- Rolls from 13" up to 60"
- Works with all dye and pigment printers
- High quality archival properties
- Free Custom ICC Profiles
- Acid free
- Giclée quality
- Award winning collection
- Test packs available so you can "try before you buy" includes FREE A7 Swatch Book



If you would like to know more about PermaJet or to find a stockist near you please call JP Distribution on 01782 753304 or email permajet@johnsons-photopia.co.uk

*It's all about
image*



Hempstalls Lane, Newcastle-under-Lyme, Staffs, ST5 0SW T: 01782 753304 E: permajet@johnsons-photopia.co.uk W: www.johnsons-photopia.co.uk

Image © Elena Vizanekaya

westcott



Photo & Video
Green Screen Lighting Kit

Unleash
your creativity
for only

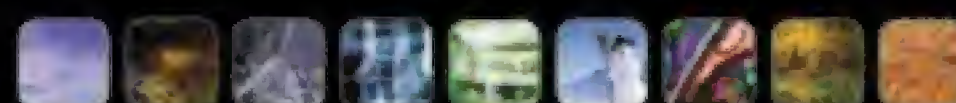
£199

inc VAT

Normal SRP £290

You may have heard the wonders of using Green Screen for stills and video, but for the first time ever, we teach how simple and easy this technique is to perform with one single kit

This kit comes complete with everything you need, including lighting, Green Screen, Educational DVDs, Photo & Animated Backgrounds and free trials of Adobe® Premiere® & Photoshop® Elements software.

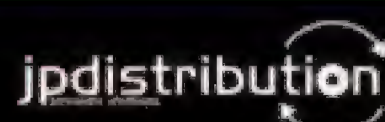


*While Stocks Last



visit us at
focus on
imaging 2012
stand B1

One Kit Suitable For VIDEO OR STILLS



Hempstalls Lane, Newcastle-under-Lyme, Staffs, ST5 0SW t: 01782 753304 e: westcott@johnsons-photopia.co.uk w: www.johnsons-photopia.co.uk

Adobe Photoshop Lightroom 4 Beta

With built-in book creations, more localised adjustments and geotagging tools, Adobe Photoshop Lightroom 4 could be the best version yet. **Richard Sibley** explores the first beta test version to see how it could improve your raw-image conversion

THE LAUNCH of a new Adobe Photoshop product is always greeted with excitement, and version 4 of Lightroom is no exception. For those who have managed to miss all three previous versions, Lightroom is Adobe's raw-conversion and image-management software. However, that only really describes its very basic functions. With the ability to create pages for printing and even basic web galleries, it has become the only image-editing software that many photographers use.

The previous version, Lightroom 3, was released in June 2010. It introduced many new features, the most useful of which was the ability to apply custom camera and lens corrections. This allowed photographers to correct the various distortions caused by a particular camera and lens simply by the click of a button.

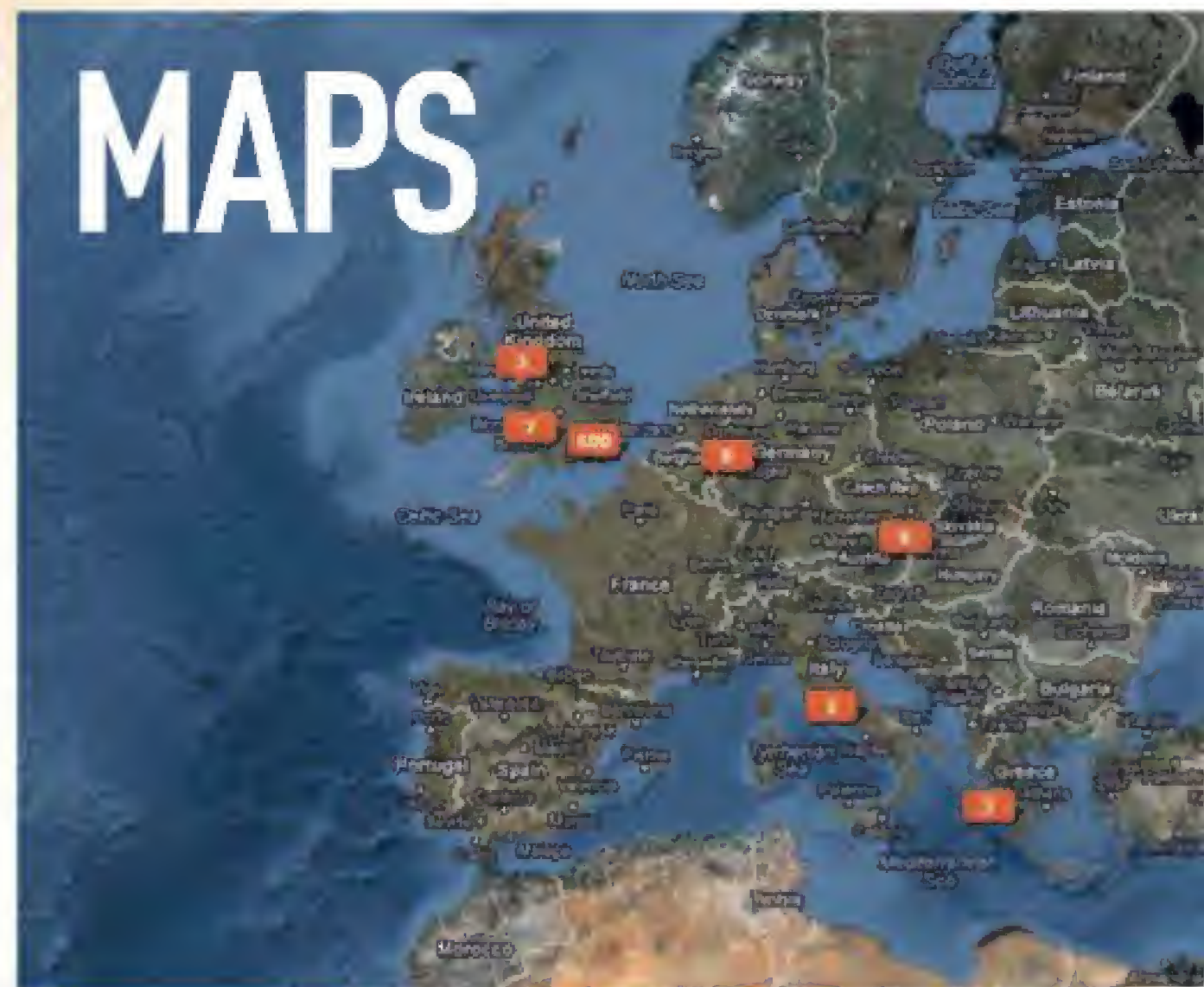
Version 4 also has some major new features added, and I would anticipate the introduction of one or two more before the final version goes on sale.

DEVELOPMENT TOOLS

Perhaps the biggest change, particularly for existing Lightroom users, is the way in which the Basic development tools work. The Recovery, Fill and Blacks controls have now been replaced with Highlights, Shadows, Whites and Blacks. All these are set to '0' by default, with the option to increase or decrease their value. The Highlight

control replaces the Recovery option, while Shadows replaces Fill. The Whites and Blacks affect the white and black clipping points in the image. The result of these new settings is greater control over the recovery of highlights and shadows, which should help when editing high-contrast images, particularly those with burnt-out skies.

Those photographers who will be importing existing Lightroom catalogues into the new software have the option to work either in the Lightroom 2010 Process



BETA VERSION

As with previous incarnations of Lightroom, Adobe has released a Beta version of the new software for the public to test. A Beta version isn't the final product that will go on sale, but it does give photographers a chance to look at the new features and provide feedback that will help Adobe iron out any bugs and glitches in the software before the final version is released.

Lightroom 4 Beta is free to download from www.adobelabs.com, and it can be used right up until the release of the final retail version, which should be later this year. Remember, though, that this is not the final version and, as such, may contain some bugs. Therefore, make sure you create a backup of all work and images before use.

or to convert their images to the 2012 Process. The latter will attempt to apply an approximation of your existing settings within the current 2012 working process. I found that this can make a big difference to the look of images, so it is worth applying the new Process only to existing catalogue images on a case-by-case basis. If the changes are applied to a few images at the same time, be prepared to sit down and adjust all the development sliders to get the image looking as intended. However, this can be worth doing in an attempt to squeeze a little more detail out of the highlight areas of some photographs.

MORE LOCALISED ADJUSTMENTS

Localised adjustments have been part of Lightroom since version 2. This feature allows changes to be 'painted' onto an image. For example, use these tools to 'paint' over the sky in a landscape image and then adjust the Exposure slider to lighten or darken the sky in isolation.

There are three new localised adjustments in the Beta version of Lightroom 4. The first is a localised white balance setting, which should help when editing images lit by mixed light sources. Localised noise reduction is also new, and adds to the existing localised sharpening. Finally, there is now localised moiré pattern removal. This is a great benefit, because applying moiré removal across a whole image can reduce sharpness. It will also prove useful to those photographers who have a camera without an anti-aliasing filter, as the sensors in these cameras are more prone to moiré patterning.

POINT CURVE

There is one slight but useful change to the Point Curve feature. It now allows the contrast curve of each of the red, green and blue channels to be adjusted (see image right). This feature was requested by photographers and should prove very useful for producing a number of different colour effects, as well as offering a way to adjust and correct the colour in the highlights or shadows of an image.

Lightroom has lagged behind some of its rivals, such as Apple Aperture, when it comes to applying and using geographical data. Previously, the geotagged data could be edited in Lightroom, but to see where an image was taken the user would have to open a web browser window and show the location in Google Maps.

Now the Map module has its own development tag within Lightroom 4, and it is easy to see where an image has been taken on a world map. It is possible to zoom in on the map to street level, and select the location where a photograph was shot. The geographical data is then tagged onto the image. This is extremely useful, as it offers another way to sort and view images.

Of course, if the images are already geotagged using a GPS device, then they will automatically show on the map. This makes it very easy for frequent travellers to return to a location, so the new Map module is a great resource to have.



VIDEO

To cater for the increasing prevalence of high-quality video in cameras, Lightroom 4 includes some basic video-editing functions. Videos can be 'trimmed' to remove unwanted footage from the beginning and end of clips. Some basic adjustments can also be applied in the Quick Develop module, including exposure, contrast and colour correction.

Once edited, files can be exported to a hard disk or website such as Facebook or Flickr, via an Export plug-in. Expect more of

these plug-ins for other popular sites once the final version of the software is released.

SOFT PROOFING

Previously, one of Lightroom's flaws was its lack of soft proofing. Now available in version 4, this facility allows the use of an output ICC colour profile so images can be edited and the on-screen preview will show exactly how it should look in print or on the chosen output device. Those who do a lot of printing will see this as a huge bonus as it will enable more accurate colour results.



BOOK CREATION

Although previous versions of Lightroom have allowed the layout and printing of pages, as well as the ability to save them as PDF files, version 4 takes this a step further. Adobe has now formed a partnership with Blurb books to offer users the facility to design their own books.

There are currently five different book sizes available, with options to choose the cover and paper type. Templates offer quick book designs, and there are different preset options, depending on the number of images intended for display on each page.

Often, book-design software can leave the user feeling restricted in how images are used on a page, but the number of templates and editing options on offer here give the designer a lot of flexibility. Captions and commentary text can also be added, with the choice of any font available on the user's computer.

Once a book is complete, it can be ordered from Blurb books for printing from within Lightroom. The current price of the book is communicated with the software, so the user will always know exactly how much the book is going to cost as features, such as additional pages or a change in paper quality, are added and taken away.

I'll be creating a book in the coming weeks and will publish the results in *Testbench*.



Windows

Intel Pentium 4 or AMD Athlon 64 processor, Microsoft Windows Vista with Service Pack 2 or Windows 7 with Service Pack 1, 2GB RAM, 1GB available hard-disk space, 1024x768-pixel display, DVD-ROM drive, internet connection required for internet-based services

Mac

Multicore Intel processor with 64-bit support, Mac OS X v10.6.8 or v10.7, 2GB RAM, 1GB available hard-disk space, 1024x768-pixel display, DVD-ROM drive, internet connection required for internet-based services

Conclusion

ALTHOUGH the new additions to Lightroom 4 may not steal the headlines in quite the same way as the introduction of lens corrections did with version 3, the new features should really help the photographer's workflow. The addition of the Map module makes the geotagging of images useful, while being able to create books from within the Lightroom software will prove a massive benefit to professional photographers, and those who prefer

to create books than have portfolios of images.

I wouldn't expect these to be the only changes included in Lightroom 4, though, as Adobe will keep one or two for the next Beta version and then the final package. However, there is already enough here to entice those who don't use Lightroom to purchase the final version when it is launched. Those already using Lightroom 2 will find it beneficial to upgrade, while those currently using Lightroom 3 should give the Beta version a try to see whether the new features will be of use to them.

So download Lightroom 4 Beta from www.adobelabs.com and try it out. We will conduct a full review of the final version when it becomes available.

amateur
Photographer

Test Reports



Do you want to know just how good your camera really is?

Amateur Photographer offers the most thorough and respected photography reviews for camera equipment in the industry. There are nearly 10,000 different *Amateur Photographer* reviews available on cameras, lenses and accessories offering all kinds of useful photography advice.

To purchase any of the reviews on current or historic cameras featured in *Amateur Photographer*, visit:

www.testreports.co.uk/photography/ap

NEW

CAMERA MANUALS

Many camera manuals are now only supplied on disc by the manufacturer. If you are not happy reading the manual on-screen, it will be both costly and inconvenient to print a copy. OTC Ltd, with the latest hi-tech equipment, produces bound reprints of most camera manuals in a truly pocket-sized form.

For more information, visit:
www.testreports.co.uk/photography/ap

COMPILATIONS

For really great value, buy our new compilations of reviews. These offer about 50 different related reviews for the price of only three individual reviews!

NEW COMPILATIONS AT ONLY £9 EACH

CURRENT DIGITAL SLRS42 reviews, 235 pages
CURRENT DIGITAL COMPACT CAMERAS.....81 reviews, 246 pages
LENS TESTS SINCE 200246 reviews, 195 pages

NEW COMPILATIONS AT ONLY £15 EACH

LENS TESTS SINCE 1998 101 reviews, 306 pages

VISIT OUR WEBSITE

www.testreports.co.uk/photography/ap

See which tests are available and download many immediately. Tests not downloadable are despatched within 24 hours. All tests cost £3 each.
(AP OFFER) OTC LTD, PO BOX 370, KIDLINGTON OX5 9DL

Westcott Spiderlite TD6 2-Light Window Light Kit Deluxe

Andrew Sydenham tests a powerful lighting system that could be a dream come true for photographers with a sizeable budget

KIT CONTAINS

- 2x Spiderlite TD6 light heads
- 2x tilter brackets ● 2x 24x32in silver softboxes ● 12x 50W daylight fluorescent lamps ● 2x 10ft light stands ● Deluxe wheeled carry case



Left: Iced carrot cake lit with two Spiderlite TD6s



DATAFILE

RRP
£2,000
Rating
1,200W maximum tungsten, 300W fluorescent
Socket (lampholder)
E26 Edison base, ceramic x6
Mounting
5/8in solid steel stud receiver with tilter bracket, 180° lock-down turn knob, built-in adapter ring for mounting softboxes
Power switches
3 power switches that control 2 sockets per switch
Cable
15ft (4.57m) with inline power switch
Weight (each head)
5.6lb (2.54kg) without bulbs
Weight (total kit)
56.4lb (25.5kg)
Dimensions (kit case)
42x20x12in (106.6x50.8x30.4cm)

WESTCOTT'S 2-Light Window Light Kit Deluxe is built around its Spiderlite TD6 set-up, which the company claims is the 'most powerful fluorescent lighting system available today'. The highly versatile TD6 succeeds the TD5, and includes an extra ES lighting socket that can house up to six 50-watt, daylight-balanced fluorescent tubes. These produce an equivalent 1,200W of traditional tungsten lighting output. Six optional 150W tungsten halogen lamps are available (£195), which are claimed to give a 900W output.

BUILD AND HANDLING

The basic lamp head is almost skeletal in appearance, but its all-metal construction means it is reassuringly robust. Each lamp head has three low-profile rocker switches that operate two lamps per switch, allowing the light output to be varied without any change to the colour temperature. There is also an inline switch to the mains cable, which will prove useful if the lights are placed high up in a difficult-to-reach position.

The 5m cable is long enough for most purposes, but I would like to have seen a heavy-duty cable employed with less coiling memory and a rubber grommet added where the mains cable enters the lamp head. There is a heatproof sheath provided, but this doesn't protect the cable from

coming into contact with the retaining nut.

Although I am happy with the quality of the ES tube sockets, I wouldn't want to change the tubes too frequently as these substantial lights put a lot of strain on the sockets and damage could occur over time. With the rotating head and tilter bracket, it is easy to turn a light shaper from vertical to horizontal and lock it off securely at any angle.

PERFORMANCE

The softboxes are easy to set up and a delight to use. Measuring 24x32in and silver-lined with an optional internal diffusion sheet, they are fixed to the lamp heads by the all-metal poles that fit into the built-in adapter ring. The flexible metal poles meant I had none of the worries usually associated with the fibreglass equivalents, which break easily. The heavy-duty lighting stands and tilter bracket support the lamp/softbox combination well, and prevent the light from being knocked over in most circumstances.

There is a vast range of height adjustment available, so the lamp head can be raised far higher than would ever be necessary. The whole kit can be packed away into a well-designed, hard cordura-style wheeled travel case. Each element has its own well-protected storage compartment within, so it should survive regular location work. **AP**

Verdict

THE Westcott Spiderlite TD6 2-Light Window Light Kit Deluxe



is a very desirable and versatile continuous lighting kit, with the extra light output compared to the previous TD5 model a real advantage. While this is a premium kit with a price tag to match, it is well worth considering if you are looking to invest in serious lights to cover a multitude of disciplines. Over the few weeks I had the lights, I used them for everything from portraiture to food and product photography, with a good portion of HD video filming thrown in. The quality of light is stunning, and when these lights finally leave the studio I will shed a few tears.

FJ Westcott products are distributed by Johnsons Photopia Ltd, Hempstalls Lane, Newcastle-under-Lyme, Staffordshire ST5 0SW. Tel: 01782 753 300. www.fjwestcott.com

Professor
Newman
explains...

Optical design

AP's photo-science consultant **Professor Bob Newman** looks at what constitutes a 'good' lens and how it is created

IF THERE is one thing photographers appreciate, it is a good lens. The reputations of optical companies can stand or fall on the resolution of their lenses. Consumer electronics companies entering the photographic market will often secure the design services of well-known (and usually German) lens manufacturers to lend some additional credibility to the optical quality of their products. Whether or not such a brand name is a guarantee of a 'good' lens (or even a lens significantly different from one not carrying the brand name) is not a discussion that will be entered into here. The point is that a 'good' lens carries a certain mystique. What is less understood is what constitutes a 'good' lens, and how an optical designer goes about producing such a thing.

EVALUATING LENS QUALITY

In the end, what makes a 'good' lens is entirely subjective. A 'high fidelity' point of view would say that a perfect lens is one that projects onto the sensor an image that is a perfect simulacrum of the scene in front of it. Unfortunately, this is technically impossible, but even if it were it isn't necessarily desirable. The point of a photograph is to present a convincing illusion of reality to the viewer. However, our impression of reality is very much shaped by the signal processing

that our brains perform on the very poor image projected onto our retinas by the rather crude two-element lenses with which our eyes are equipped. The job of a photographic lens, which has until recently had to perform its magic without the aid of similar signal processing, is not to reproduce reality, but rather to produce an image that the brain interprets as convincing.

The goal of an optical designer aiming for excellence in photographic applications is to concentrate on those factors of performance that yield a subjectively good photograph. What is less certain is what these factors actually are. In the 1930s, when the two great German optical factories Carl Zeiss and Ernst Leitz garnered international reputations, they did so with very different approaches to design. Whereas Zeiss lenses were unrivalled for sharpness, the Leitz ones had a more 'pictorial' quality that was much valued.

The basic parameters of lens quality are not in dispute; it is what constitutes the optimum blend of these qualities that becomes a personal preference. The basic parameters that spell 'quality' are:

Distortion – Is the geometry of the photographic subject preserved?

Resolution – How well are fine details

resolved in the final image?

Acutance or 'micro contrast' – Are fine details clear and contrasty?

Contrast – Is the overall image crisp and clear, with vivid colour?

Achromaticity – Does the lens render all coloured objects the same, or does it produce coloured fringes around objects?

Flatness of field – Does the image produced by the lens lie on a flat surface?

In addition, these properties ideally need to be maintained across the whole frame, along with the brightness of the projected image.

In the science of optical design, these properties derive from the elimination of a number of 'aberrations' that arise due to the effects of two different factors. The first is that lenses are generally ground to have surfaces that are a section of a sphere. These sections are easy to manufacture because spherical surfaces are the only shape for which a concave surface will move smoothly over a convex one. Thus, grinding together a lens and tool will preferentially grind away non-spherical parts until the result is a perfect sphere. Unfortunately, a sphere is not the perfect shape for refracting light for an image, and a number of imperfections, or aberrations, result. Aberrations caused by the use of spherical surfaces are spherical aberration, in which rays that pass through the edges of a lens form an image behind those that pass through the centre. Spherical aberration may be minimised by bending a lens into a 'meniscus', or eliminated using aspherical surfaces.

Another aberration is coma. This occurs with rays that pass off-axis, for instance imaging a point at the edge of the frame. The effect is that the magnification is different for rays passing at opposite sides of the lens, causing points to be rendered as comet shapes. Coma causes a reduction in optical quality at the edges of the field. Next is astigmatism, caused by a difference in magnification for horizontal and vertical fans of rays (relative to the position of the object). Astigmatism causes spots to be rendered as lines and also worsens towards the edge of the field.

The second cause of aberrations is a phenomenon known as 'dispersion'. For all glasses the refractive power (or index) changes with the colour of light, so a simple lens will not form the same image for different colours. This can be corrected by combining lenses of different dispersions, so that the effects are cancelled, at two different colours (an achromat) or three (an apochromat).

In the end, the combined effect of these aberrations can be expressed as the point spread function (PSF), which is the shape that the lens renders a point. Transformed to the spatial frequency domain (that is, expressed as a function of different 'line per millimetre' responses), the PSF becomes the well-known modulation transfer function (MTF). In this form it is more expressive of the detail performance of a lens, which is why the MTF is so often

Figure 1



Figure 1 A big lens forms an impressive item of 'male jewellery', but of more importance to a photographer is how the lens performs. Generally, this depends on the level of compromise the designer has had to make to achieve a brief, constrained by manufacturing cost and size

used as a metric of lens quality.

Multi-element designs give the lens designer more 'degrees of freedom', balancing out the aberrations in one lens with a set of opposite ones in another. To reduce them all to a very low level may require six or more elements. As a designer's rule of thumb, each aspheric surface saves an element in the design.

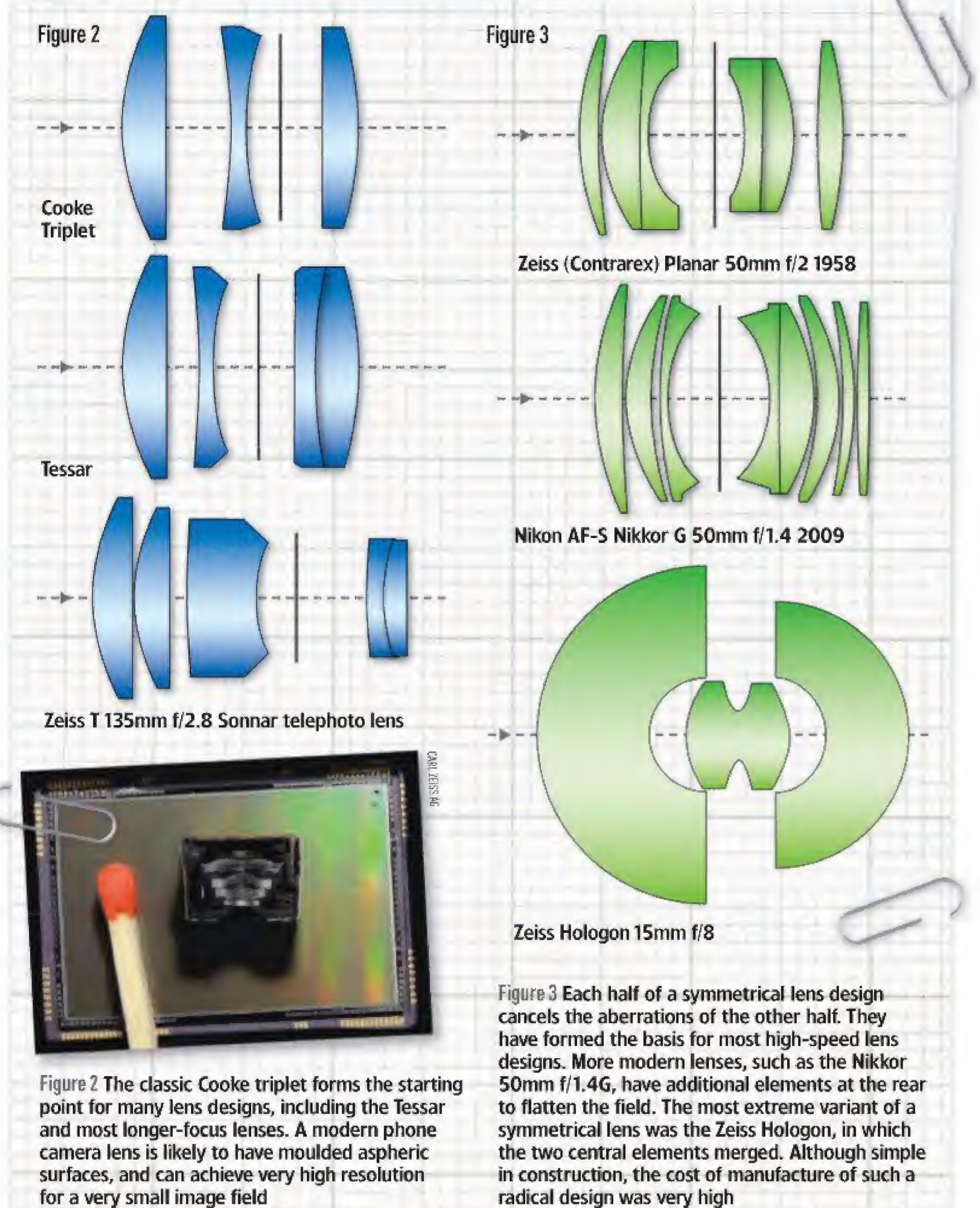
DESIGN PROCEDURES

The starting point for all lens designs is the set of constraints within which the designer has to work. These constraints depend on the design objectives of the lens, but might include size, cost, manufacturing tolerance, availability of special (high-dispersion or low-dispersion) glasses and availability of aspheric surfaces. The essential equation that has to be met is achieving the desired level of performance within the design constraints and to the target cost. The mechanical arrangements of a lens are at least as important as the optical ones, so the final lens is a collaboration between the optical and mechanical designers. Design is likely to be iterative, with the optical designer producing candidate designs while the mechanical designer attempts to find manufacturable mounts for these designs, if necessary requesting changes to the optical formula to optimise the mechanical construction of the lens.

It is frequently said that lenses nowadays are designed 'by computer', but more accurately they are optimised by computer analysis programs, the most well-known being Zemax and Oslo. The basic configurations that work well form part of the prior art of the lens designer. Most prime lenses are derived either from a triplet (Fig 2) or a symmetrical (Fig 3) design, which are configurations that were established at the end of the 19th century. Telephoto lenses place a negative 'teleconverter' behind such a design, while retrofocus wideangles reverse this configuration. Zoom lenses place an 'afocal converter' (reversed telescope) in front of a prime lens, and integrated wide converters are often used to yield fast, shorter-focal-length lenses. All these configurations are well known to the lens designer, and one will be selected as the starting point for a new lens design.

The lens design program will then be set to evolve this design, ringing the changes on surfaces and materials, all the time seeking to optimise the calculated point spread function. With the computing power available today, many configurations can be evaluated in a few hours. The expensive and time-consuming part is in marrying these optical formulae to a mount design and developing the combination into a manufacturable whole. This is particularly complex for zoom and autofocus lenses, which is why specialist lens manufacturers tend to concentrate on manual-focus prime lenses, which can often go from concept to manufacture in a few weeks.

Manufacturing volume and size are key determinants of what is possible. The tiny lenses used in camera phones are produced



in huge volumes and warrant considerable investment in mass-production tooling. As a result, they might have multiple aspheric surfaces and be capable of resolving powers in excess of even the best SLR optics. For instance, the Zeiss 'Tessar' lens found in mobile phones bears scant relationship to the classic Tessar design of the late 19th century, except that it is a four-element optic. In the case of this 'Tessar', it has four separated, moulded elements, each extremely aspheric on both surfaces. Such a lens would be completely unfeasible in the size and volume required for a DSLR camera.

With modern design tools, a first-class lens design can be produced readily. What will determine how well it performs, in the last resort, is how few compromises the designer has had to make to limit size, manufacturability and cost. With lenses it certainly is the case that you get what you pay for. **AP**



BOB NEWMAN originally trained as a physicist, and is now an engineer and computer scientist with a PhD in real-time systems design. He has been working with the design and development of high-technology equipment for 35 years and has been responsible for innovative developments in graphics workstations, avionics, marine instruments and radar systems. Two of his products have won innovation awards. Bob has led research projects in design methodology, automotive technology and, more recently, sensing systems. He is currently Professor of Computer Science at the University of Wolverhampton. Bob is a camera nut and has been a keen amateur photographer from the age of seven. He is delighted to be given the opportunity to apply his professional expertise to his hobby.

Marketplace

Dealer and Classified Guide

To advertise please call 020 3148 2516 Fax 020 3148 8155 e-mail richard_mann@ipcmedia.com

Index to advertisers

1&1 Internet Ltd.....	16-17	London Camera Exchange (Manchester).....	85	RK Photographic.....	86
Ace Cameras.....	85	Mifsud Photographic.....	78-81	Samsung Electronics UK Ltd.....	9
Alpha Digital Services Ltd.....	49	Mr Cad.....	64	Sigma Imaging (UK) Ltd.....	4
Camtech.....	63	Nicholas Camera Company.....	84	Sony UK Ltd.....	Cover: ii
Cash4cameras.....	86	Nikon UK Ltd.....	Cover: iv	SRB-Gritum Ltd.....	86
Ffordes Photographic Ltd.....	82-83	Park Cameras Ltd.....	65-69, Cover: iii	SRS Ltd.....	62
Grays of Westminster.....	24-25, 86	Portrait Professional.....	37	The Flash Centre.....	37
Johnsons Photopia Ltd.....	55	Premier Ink & Photographic.....	74-77	UKphotodistro Ltd.....	31
		Richard Costin.....	18	Warehouse Express.....	70-73
				Classified.....	87-89



SRS Microsystems

www.srsmicrosystems.co.uk

Mail Order Hot Line 01923 226602



90-92 THE PARADE
HIGH STREET
WATFORD
HERTS
WD17 1AW

WANT TO UPGRADE?
We buy digital
SLR lenses &
cameras!
Call us for a
price today

PENTAX

18-135 DC WR - Unboxed £299
18-55 WR £89
50-200 WR £149
10-17/3.5-4.5 £385
12-24/4 DA £599
15/4 DA Limited £569
17-70/4 ED SDM £369
21/3.2 AL DA £379
35/2.8 AL DA £134
35/2.8 Macro DA Limited £299
55-300/4.5-5.8 DA ED £269
70/2.4 DA Limited £369
18-55 DAL £39
16-50 DA*/2.8 SDM £619
250 DA*/2.8 SDM £739
300 DA*/4 SDM £899
50/1.4 FA £299
50-135 DA*/2.8 SDM £689
55 DA*/1.4 SDM £579
60-250 DA*/4 SDM £989
180/2.8 DFA WR Macro £479
50/2.8 DFA Macro £395
31/1.8 FA Limited £1099
43/1.9 FA Limited £689
77/1.8 FA Limited £779
AF 160 FC Ring Flash £499
AF 340 FGZ Flash £399
AF 360 FGZ Flash £269
AF 200 FG Flash £109

PENTAX K-5

Body Only £699
Body + 18-55 WR £729

PENTAX K-r

Body + 18-55 DAL £429

PENTAX 645D

From £8999

PENTAX Q

From £349

Canon 600D

Body £549
+ 18-55mm IS £629

Canon 60D

Body £729
+ 18-135mm IS £969

Canon 70D

Body £1049
+ 18-135mm IS £1299

Canon

24-70mm F2.8 L ISM £1049
70-200mm F2.8 L IS II USM £1999
100-400mm F4.5-5.6 IS USM £1299
100-400mm F4.5-5.6 IS USM £689
10-22mm F3.5-4.5 £599
15-85mm F3.5-5.6 IS USM £139
18-55mm F3.5-5.6 IS USM £189
55-250mm F4-5.6 IS £99
50/1.8 II £379
60mm F2.8 USM Macro £429
70-300mm F4-5.6 IS USM £429

Mez

24 AF-1 Flash £49
36 AF-5 Flash £69
44 AF-1 Flash £119
50 AF-1 Flash £165
58 AF-2 Flash £249

OLYMPUS

9-18mm F4-5.6 £459
12mm F2 £599
12-50mm F3.5-6.3 £349
14-150mm F4-5.6 £449
14-42mm F3.5-5.6 £109
17mm F2.8 £199
40-150mm F4-5.6 MSC £229
45mm F1.8 £239
75-300mm F4.8-6.7 MSC £599

SIGMA

8-16/4.5-5.6 DC HSM £549
10-20/4.5-5.6 EX DC HSM £399
10-20/3.5 EX DC HSM £499
105/2.8 EX Macro DG £399
120-400/4.5-5.6 APO OS £719
12-24/4.5-5.6 II DG HSM £679
120-300/2.8 EX DG OS HSM £2099
150-500/5.6-6.3 APO DG OS £849
17-50/2.8 EX DC OS HSM £559
17-70/2.8-4.5 DC OS £349
18-50/2.8-4.5 DC OS HSM £179
18-125/3.5-5.6 DC OS £259
18-250/3.5-6.3 DC HSM OS £399
18-50/2.8 EX DG Macro £309
24-70/2.8 IF EX DG HSM £639
30/1.4 EX DC £379
4.5/2.8 EX HSM Circular Fisheye £597
50-150/2.8 EX DC Mk2 £565
50-500/4.5-6.3 DG HSM OS £1269
50/1.4 EX DG HSM £379
50/2.8 Macro DG £269
50-300/4.5-6.3 DC OS HSM £235
70-200/2.8 EX APO DG £599
70-200/2.8 EX DG OS HSM £999
70-300/4.5-6.3 APO DG Macro £179
70-300/4.5-6.3 Macro Super DG £129
70-300/4.5-6.3 DG OS £299
70/2.8 EX Macro DG £369
85.1.4 EX DG HSM £699
EF 610 DG ST Flash £159
EF 610 DG SUPER Flash £229

Nikon

D4 £5499
D700 £3499

Nikon

D700 £1779

Nikon

10.5/2.8 G ED DX Fisheye £549
10-24/3.5-4.5 AF-S DX £659
105/2.8G AF-S VR Macro £849
12-24/4 AF-D DX £1319
14-24/2.8 £859
16-35/4G VR AF-S £445
16-85/3.5-5.6 VR AF-S DX £1099
17-55/2.8 IF ED AF-S DX £1099
18-105/3.5-5.6 VR AF-S £199
18-200/3.5-5.6 VR AF-S £999
18-200/3.5-5.6 VR AF-S £999
18-55/3.5-5.6 AF-S VR £99
24/1.4G AF-S ED £1549
24-70/2.8G AF-S ED £1229
24-120/4G AF-S IF £834
28-300/3.5-5.6G ED VR AF-S £699
35/1.4G AF-S £1399
35/1.8G AF-S £165
50/1.4 D £245
50/1.4G AF-S £309
50/1.8 D £114
NEW 50/1.8G AF-S £175
55-200/4.5-5.6 G AF-S DX VR £199
55-300/4.5-5.6G ED VR AF-S DX £299
60/2.8 AF-S Micro £399
70-200/2.8G ED VR AF-S £1699
70-300/4.5-5.6G AF-S VR £449
200-400/4G ED VR AF-S £5199
85/1.4G AF-S £1229
85/1.8 D £319
85/3.5G ED VR AF-S DX Micro £419
SB 700 Flash £259
SB 910 Flash £399

Nikon

D3100 £299
D5100 £499
D7000 £599

NIKON 1

V1 £119
J1 £119

Panasonic

G3 £379

Panasonic

GF3 £229

Panasonic

GH2 £549

Panasonic

GX1 IN STOCK £449

OLYMPUS

PENE-PM1 £249
14-42mm £349
Twin Lens £519

OLYMPUS

PENE-PL3 £329
14-42mm £429
Twin Lens £575

OLYMPUS

PENE-P3 £549
12mm £689
14-42mm £669

HOYA

£50 Cashback

Kenko

£50 Cashback

Kenko

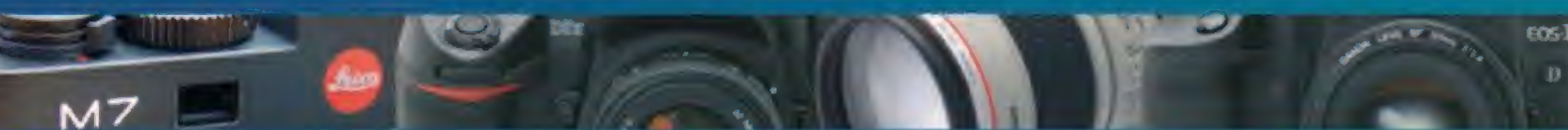
£50 Cashback

Kenko

£50 Cashback

Kenko

£50 Cashback



Digital Photography

CANON EOS 60 BODY COMP WITH ALL ACCESSORIES	MINT BOXED \$999.00
CANON EOS 50 BODY COMP WITH ALL ACCESSORIES	EXC++ BOXED \$645.00
CANON EOS 105 MK II COMPLETE WITH ALL ACCESS	MINT BOXED \$1,485.00
CANON EOS 100 MKII COMPLETE WITH ALL ACCESS	MINT BOXED \$1,475.00
CANON EOS 10 MKII COMPLETE (20255 ACTUATIONS)	MINT BOXED \$775.00
CANON EOS 400 10:1 MC COMPLETE WITH ALL ACCESS	MINT BOXED \$425.00
CANON EOS 400 10:1 MC COMPLETE WITH ALL ACCESS	MINT \$399.00
CANON EOS 3000 6.3Mc + CAN 18-55 LENS + ACCESS	MINT \$159.00
CANON EOS 3500 6.3Mc BODY	EXC++ BOXED \$175.00
CANON EOS 4000 10.1 Mc + CAN 18-55 LENS + ACCESS	EXC++ BOXED \$265.00
CANON EOS 4500 BODY + BATTERY AND CHARGER	EXC++ \$199.00
CANON EOS 4500 BODY + CAN 18-55 IS LENS + ACCESS	MINT BOXED \$345.00
CANON POWERSHOT 67 COMPLETE WITH ALL ACCESS	MINT \$175.00
CANON POWERSHOT 69 COMPLETE WITH ALL ACCESS	MINT BOXED \$199.00
CANON POWERSHOT 69 COMPLETE WITH CHARGER	EXC++ BOXED \$169.00
CANON POWERSHOT 610 COMPLETE ACCESS & CASE	MINT BOXED AS NEW \$259.00
CANON POWERSHOT 611 COMPLETE WITH ALL ACCESS	MINT BOXED \$275.00
CANON 270 EX SPEEDLITE	MINT BOXED \$115.00
CANON 420 EX SPEEDLITE	MINT BOXED \$125.00
CANON 430 EX SPEEDLITE	MINT BOXED \$149.00
CANON 430 EX SPEEDLITE	MINT BOXED \$135.00
CANON 580 EX SPEEDLITE	MINT BOXED \$269.00
CANON 580 EX SPEEDLITE	MINT BOXED \$245.00
CANON BG-E2 BATT GRP FOR EOS 200/300/400	MINT BOXED \$75.00
CANON BG-E2M BATT GRP FOR EOS 200/300/400/500	MINT BOXED \$75.00
CANON BG-E3 BATT GRP FOR EOS 350/400	MINT BOXED \$55.00
CANON BG-E4 BATT GRP FOR EOS 5D	MINT \$95.00
CANON BG-E5 BATT GRP FOR 450D/500D	MINT BOXED \$75.00
CANON OFF CAMERA CORD 2	MINT \$35.00
FLUJIFINDER X100 12.3Mc LATEST DIGITAL CAMERA	MINT BOXED \$675.00
NIKON D2X BODY COMPLETE WITH ALL ACCESSORIES	MINT BOXED \$995.00
NIKON D200 BODY KIT COMPLETE + ALL ACCESSORIES	EXC++ BOXED \$645.00
NIKON D200 BODY COMPLETE WITH ALL ACCESSORIES	MINT BOXED \$399.00
NIKON D80 BODY WITH ACCESSORIES	MINT BOXED \$299.00
NIKON D80 BODY WITH ACCESSORIES	EXC++ \$245.00
NIKON MB-D10 FOR D200/D200S/7000	MINT BOXED \$199.00
NIKON R1C1 CLOSE-UP SPEEDLIGHT COMMANDER KIT	MINT BOXED \$465.00
NIKON SB-600 SPEEDLIGHT	MINT BOXED \$225.00
NIKON SB-400 SPEEDLIGHT	MINT BOXED \$99.00
NIKON SB-30 SPEEDLIGHT	MINT BOXED AS NEW \$95.00
NIKON EH-6 AD ADAPTOR FOR D200/D200S/D300/D300S	MINT BOXED \$99.00
NIKON EH-5 NAPS ADAPTOR FOR D60/70/70S/100	MINT BOXED \$45.00
NIKON MC 36 REMOTE CONTROL	NEW \$95.00
NIKON SINKA FLASH BRACKET	MINT BOXED AS NEW \$199.00
NIKON SINKA FLASH BRACKET	MINT BOXED AS NEW \$159.00
OLYMPUS E300 + 14-45mm LENS + ALL ACCESSORIES	MINT \$225.00
SIGMA 10-20mm F4.5-5.6 DC EX HSM FOR OLYMPUS 4/3rds	MINT-HOOD \$299.00
OLYMPUS 17mm f2.8 & FINDER ZUKO DIG MICRO 4/3rds	MINT AS NEW \$199.00
OLYMPUS 14 - 45mm F3.5/5.6 ZUKO DIGITAL 4/3rds LENS	MINT-HOOD \$99.00
OLYMPUS 40-150mm F3.5/4.5 ZUKO DIGITAL 4/3rds LENS	MINT BOXED \$115.00
OLYMPUS 70 - 300 F4.5/6.3 ED ZUKO DIGITAL 4/3rds LENS	MINT-HOOD \$265.00
DIGITAL KING DS40S PRO 0.7 WIDE ANGLE CONVERTER	MINT BOXED \$49.00
OLYMPUS 11 - 22mm F2.8/3.5 ZUKO DIGITAL 4/3rds LENS	MINT BOXED \$175.00
OLYMPUS 14 - 42mm F3.5/5.6 MK II "R" MSC MICRO 4/3rds	MINT AS NEW \$165.00
OLYMPUS HLD-5 BATTERY GRP FOR E620 BODY	MINT \$69.00
MEI2 44 AF40 FLASH FOR OLYMPUS DIGITAL	MINT \$55.00
PENTAX 18 - 55mm F3.5/5.6 AL WEATHER RESISTANT	MINT BOXED \$99.00
PENTAX 644 BATTERY GRP FOR K7	MINT BOXED AS NEW \$179.00
PANASONIC DMC-GF1 BODY WITH ALL ACCESSORIES	EXC++ BOXED \$225.00
PANASONIC DMC-GF2W + 14mm 2.5 + ALL ACCESS	MINT BOXED \$345.00
PANASONIC 7 - 14mm F4.0 LUMIX VARIO MICRO 4/3rds	MINT BOXED AS NEW \$745.00
PANASONIC 100-300mm F4.5/6.3 LUMIX G VARIO MICRO 4/3rds	NEW \$919.00
PANASONIC DMW-LDF 1 LIVE FINDER FOR GF1/GF2	MINT BOXED \$125.00
RICOH P8 DIGITAL 10Mc 7.1X 200MM (25-200) 2.75" SCR	NEW \$99.00
SONY DSC-HX100V 16.2 Mp 30x ZOOM CARL ZEISS LENS	MINT BOXED AS NEW \$399.00
SONY ALPHA NEX-5 WITH 18-55mm & 16mm + ACCESS	MINT BOXED AS NEW \$399.00
SONY ALPHA 28 - 75mm F2.8 SAM LENS	MINT BOXED \$495.00
SONY ALPHA 70 - 400mm F4.5/6.3 GSS LENS	MINT BOXED \$1,175.00
MINOLTA 28mm F2.8 AF MINOLTA/SONY FIT	MINT \$115.00
MINOLTA 28 - 85mm F3.5/4.5 AF MINOLTA/SONY FIT	MINT BOXED \$99.00
SIGMA 18 - 200mm F3.5/6.3 DC SLD GLASS FOR SONY	MINT BOXED \$125.00
TAMRON 70 - 300mm F4.5/6.3 D1 MACRO SONY FIT	MINT BOXED AS NEW \$395.00
SIGMA 2.0 x APD DG TC CONVERTER FOR SONY ALPHA	MINT BOXED \$145.00
SIGMA 28 - 140mm DG MACRO FLASH FOR SONY ALPHA	MINT BOXED \$225.00
SONY ALPHA HVL-F36AM FLASH GUN	MINT CASED \$145.00

Canon Autofocus, Digital Lenses, Accessories

CANON EOS IV HS BODY + MAXIAL	MINT \$475.00
CANON EOS 1NPS BODY	MINT BOXED \$375.00
CANON EOS 1NPS BODY	MINT \$365.00
CANON EOS 1NHS	MINT BOXED \$265.00
CANON EOS 1K BODY	EXC++ BOXED \$145.00
CANON EOS 3 BODY	EXC+++ \$159.00
CANON EOS 5 BODY	EXC+++ \$59.00
CANON EOS 100 BODY	MINT \$392.00
CANON EOS 3000 BODY	MINT \$30.00
CANON EOS 5000 BODY	MINT \$49.00
CANON EOS RT BODY (PELICAN MIRROR)	MINT \$99.00
CANON 17 - 40mm F4 USM "L" + HOOD (SUPERB LENS)	MINT CASED \$545.00
CANON 24 - 105mm F4 USM "L" IMAGE STABILIZER	MINT BOXED \$725.00
CANON 70 - 280mm F4 USM "L" IMAGE STABILIZER	MINT BOXED AS NEW \$799.00
CANON 70 - 200mm F4 USM "L" IMAGE STABILIZER	MINT \$755.00
CANON 70 - 300mm F4.5/5.6 USM IMAGE STAB DO LENS	MINT BOXED \$799.00
CANON 50mm F1.2 USM "L"	MINT BOXED \$1,045.00
CANON 55mm F1.2 USM "L" MK II COMPL WITH HOOD	MINT \$1,399.00
CANON 200mm F2.8 MK III USM "L" - FILTER	MINT BOXED \$499.00
CANON 300mm F4 USM "L" IMAGE STABILIZER	MINT CASED AS NEW \$965.00
CANON 300mm F4 USM "L" IMAGE STABILIZER	MINT \$899.00
CANON 400mm F5.6 USM "L" WITH CASE	MINT BOXED \$965.00
CANON 50mm F1.8 MK1 VERY RARE NOW SUPERB LENS	MINT \$175.00
CANON 17 - 85mm F4.5/6.3 IMAGE STABILIZER	MINT-HOOD \$219.00
CANON 18 - 135mm F3.5/5.6 EF-S IMAGE STABILIZER	MINT BOXED AS NEW \$225.00
CANON 20 - 35mm F3.5/4.5 USM	MINT \$185.00
CANON 28 - 80mm F3.5/5.6 USM	MINT \$79.00
CANON 28 - 80mm F3.5/5.6 AUTOFOCUS	MINT \$49.00
CANON 28 - 105mm F3.5/4.5 USM	MINT BOXED \$145.00
CANON 28 - 135mm F3.5/5.6 USM IS IMAGE STAB + HOOD	MINT BOXED \$245.00
CANON 28 - 200mm F3.5/5.6 USM + HOOD	MINT BOXED \$345.00
CANON 35 - 90mm F4.5/5.6 EF MKII	MINT \$39.00
CANON 55 - 250mm EF-S 14.5/5.6 IMAGE STABILIZER	MINT BOXED AS NEW \$165.00
CANON 70 - 300mm F4.5/5.6 USM IMAGE STABILIZER	MINT BOXED \$345.00
CANON 70 - 300mm F4.5/5.6 USM IMAGE STABILIZER	MINT-HOOD \$345.00
CANON 75 - 300mm F4.5/5.6 USM MK II WITH HOOD	MINT \$125.00
CANON 75 - 300mm F4.5/5.6 USM MK II (LATEST)	MINT BOXED AS NEW \$165.00
CANON 75 - 300mm F4.5/5.6 USM IMAGE STABIL + HOOD	MINT BOXED \$275.00
CANON 80 - 200mm F4.5/5.6 EF MK I	MINT BOXED \$65.00
CANON 80 - 200mm F4.5/5.6 EF USM	MINT BOXED \$99.00
CANON 100 - 300mm F4.5/5.6 USM	MINT BOXED \$125.00
CANON EF 1.4x EXTENDER MK II	MINT BOXED \$299.00
CANON EF 2.0x EXTENDER MK II	MINT BOXED \$299.00

CANON EF 2.0x EXTENDER MK II	MINT \$245.00
CANON PB E2 BOOSTER FOR EOS 1V/EOS3 etc	MINT \$75.00
CANON PB-E1 BOOSTER FOR EOS 1 etc	EXC \$39.00
CANON 540 E2 FLASH + INST	MINT BOXED \$89.00
CANON 540 E2 FLASH + INST	MINT CASED \$75.00
CANON 420 E2 FLASH	MINT CASED \$49.00
CANON ANGLE FINDER II	MINT BOXED \$99.00
CANON RS 80N3 REMOTE RELEASE	MINT BOXED \$35.00
CANON TC 80N3 REMOTE CONTROLLER	MINT BOXED \$85.00
CANON LC3 TRANSMITTER AND RECEIVER	MINT \$145.00
SIGMA 15mm F2.8 EX DG FISHEYE LENS (LATEST)	MINT BOXED AS NEW \$399.00
SIGMA 20mm F1.8 EX DG ASPHERIC RF (LATEST)	MINT BOXED \$379.00
SIGMA 20mm F1.8 EX DG ASPHERIC RF (LATEST)	MINT CASED \$325.00
SIGMA 24mm F1.8 EX DG LENS	MINT + HOOD \$299.00
SIGMA 17 - 35mm F2.8 EX HSM ASPHERICAL	MINT CASED \$169.00
SIGMA 17 - 35mm F2.8 EX HSM ASPHERICAL	MINT BOXED \$169.00
SIGMA 17 - 70mm F2.8/4.5 DC MACRO SLD GLASS	MINT BOXED \$199.00
SIGMA 18 - 125mm F3.5/5.6 DC OS HSM (LATEST)	MINT CASED \$189.00
SIGMA 18 - 125mm F3.5/5.6 DC MACRO + HOOD	MINT \$99.00
SIGMA 24 - 70mm F2.8 EX DG MACRO + HOOD	MINT CASED \$345.00
SIGMA 70 - 200mm F2.8 EX D HSM APD	MINT CASED \$425.00
SIGMA 70 - 200mm F2.8 EX DG HSM MACRO	MINT BOXED \$499.00
SIGMA 70 - 200mm F2.8 EX DG HSM MACRO II	MINT BOXED \$599.00
SIGMA 120 - 400mm F4.5/5.6 DC HSM OS (LATEST LENS)	MINT BOXED \$599.00
TAMRON 28 - 75mm F2.8 XR D SP LD GLASS (LATEST)	MINT + HOOD \$245.00
TAMRON 70 - 300mm F4.5/6.3 LD MACRO	MINT BOXED \$89.00
TOKINA 10 - 17mm F3.5/4.5 AT-X DX LENS (LATEST)	MINT \$345.00

Contax 'G' Compacts & SLR & Ricoh

CONTEX G1 BODY	MINT \$175.00
CONTEX G1 TITANIUM COMPACT + LEATHER CASE	MINT CASED \$399.00
CONTEX 28mm F2.8 BIOGON FOR G	MINT \$265.00
CONTEX 90mm F2.8 SON G + FILTER + CONTEX HOOD	MINT BOXED \$245.00
CONTEX 90mm F2.8 SONNAR "G"	MINT \$199.00
CONTEX TLA 200 FLASH FOR G1/G2	MINT CASED \$99.00
CONTEX TLA 140 FLASH	MINT CASED \$49.00
CONTEX ST BODY	EXC+++ \$269.00
CONTEX APRA BODY (STRAP INSTRUCTIONS)	EXC++ BOXED \$199.00
CONTEX RTS II QUARTZ BODY	EXC++ \$119.00
CONTEX FIT YASICA 28mm F2.8 SUPERB CONDITION	MINT CASED \$85.00
CONTEX 85mm F1.4 PLANAR MM	MINT \$495.00
CONTEX TLA 280 FLASH	MINT \$95.00
CONTEX MUTAR II 1.4 TELECONVERTER	NEW \$225.00

Leica 'M', 'R' & Screw & Binoculars

LEICA M6 TTL BODY 0.72 CHROME	MINT BOXED \$1,399.00
LEICA M6a BODY (SUPERB CONDITION)	MINT \$575.00
LEICA M6 BODY + CASE	EXC+++ \$795.00
LEICA 11 FED DUAL - CASE	MINT CASED \$495.00
LEICA M ZEISS 21mm F2.8 ZM BIOGON (SUPERB LENS) MINT BOXED AS NEW \$955.00	
LEICA 50mm F4 ELMAR CHROME M MOUNT	MINT IN KEEPER \$185.00
LEICA 135mm F4.5 HEKTOR + HOOD M MOUNT	EXC++ \$399.00
LEICA 135mm F4 ELMAR M MOUNT WITH HOOD	EXC++ \$199.00
LEICA 135mm F2.8 ELMARIT M FOR M3	MINT \$345.00
LEICA 90mm F2.8 ELMARIT M MOUNT	MINT BOXED \$119.00
LEICA 3.5cm F3.5 SUMMARON SCREW	MINT \$365.00
LEICA 5cm F2.8 SUMMARIT COIL SCREW	MINT \$299.00
LEICA 5cm F2.8 SUMMARIT COIL SCREW + M MOUNT	MINT \$299.00
LEICA 5cm F2.8 SUMMARON SCREW	MINT \$195.00
LEICA 90mm F4 ELMAR CHROME SCREW	MINT IN KEEPER \$159.00
LEICA 5cm F4 HEAD + 16467 POC MOUNT FOR VISO	MINT \$199.00
LEICA 135mm F4.5 HEKTOR + HOOD SCREW	EXC++ \$99.00
LEICA M BELLONS UNIT	MINT \$75.00
LEICA SF20 FLASH + CASE	MINT BOXED \$89.00
LEICA SF20 FLASH	MINT \$79.00
LEICA EX LEATHER CASE (14505) FOR MINOLTA/TIM7	MINT BOXED \$99.00
LEICA R7 BODY BLACK	MINT BOXED \$399.00
LEICA R7 BODY BLACK	MINT \$379.00
LEICAFLX SLD BODY CHROME	MINT BOXED \$299.00
LEICA 21mm F4 SUPER ANGILOM R	MINT BOXED \$599.00
LEICA 60mm F2.8 MACRO-ELMARIT R ROM (UNUSED)	MINT BOXED AS NEW \$699.00
LEICA 60mm F2.8 MACRO-ELMARIT R 3 CAM + 1.1 ADAPTOR	MINT \$545.00
LEICA 180mm F4 ELMARIT R 3 CAM	EXC++ \$345.00
LEICA 28 - 70mm F3.5/4.5 VARIO ELMAR ROM	MINT BOXED AS NEW \$445.00
LEICA 28 - 70mm F3.5/4.5 VARIO ELMAR ROM	MINT \$399.00
LEICA 28 - 105mm F3.5/4.5 VARIO ELMAR R	EXC+++ \$299.00
LEICA 70 - 210mm F4 VARIO ELMAR R	EXC++ \$399.00
LEICA R6 REMOTE CONTROL UNIT	MINT BOXED AS NEW \$165.00
LEICA DUOMD 8 x 12 x 42 BINOCULARS GREEN + CASE	MINT BOXED \$1,175.00
LEICA 8 x 32 ULTRADIG HD (LATEST NEW UNUSED)	MINT BOXED \$999.00
LEICA 7 x 42 THROVOD 34 BINOCULARS (UNUSED)	MINT BOXED AS NEW \$995.00
LEICA 8 x 50 THROVOD BINOCULARS (REALLY BRIGHT)	MINT CASED \$775.00
CANON 7 x 50 BINOCULARS CIRCA 1990 REALLY BRIGHT	EXC+++ CASED \$99.00
NIKON 10 x 25 BR COMPACT BINOCULARS + CASE	MINT \$125.00
ZEISS 8 x 30B BINOCULARS	MINT CASED \$265.00
SWAROVSKI AFS 65 HD SCOPE + 20-60 EYEPIECE	MINT BOXED AS NEW \$899.00

Voigtlander Screw & Bayonet for Leica M etc

VOIGTLANDER 15mm F4.5 S.W. HELIAR ASP + FOR SILVER	
VOIGTLANDER 25mm F4 SKOPAR + FINDER SILVER	MINT BOXED AS NEW \$295.00
VOIGTLANDER 25mm F4.5 SKOPAR + FINDER SILVER	MINT BOXED AS NEW \$265.00
VOIGTLANDER 75mm F2.5 COLOR HELIAR MC CHROME	MINT \$275.00
VOIGTLANDER 75mm F3.5 HELIAR CLASS VM M MOUNT MINT BOXED AS NEW \$475.00	
VOIGTLANDER 50mm F3.5 APO LANTHAN (BLK)	MINT BOXED AS NEW \$235.00
VOIGTLANDER 35mm VIEWFINDER BLACK	MINT BOXED AS NEW \$129.00
VOIGTLANDER LH1 HOOD FOR 21,25,28mm LENSES	MINT BOXED AS NEW \$30.00
VOIGTLANDER BESSA WINDER / GRIP FOR T & R2	MINT \$115.00
VOIGTLANDER ANGLE FINDER + 15,21,25mm ADAPTORS	MINT BOXED AS NEW \$265.00

Medium & Large Format

BRONICA ETR6 BODY +120 BACK	EXC++ \$85.00
BRONICA 40mm F4.0 ZENZANON MC	MINT \$195.00
BRONICA 40mm F4 PE LENS	MINT BOXED \$289.00
BRONICA 100mm F4 MACRO ZENZANON PE	MINT \$225.00
BRONICA 105mm F4.5 ZENZANON MACRO PE 1:1	MINT BOXED \$299.00
BRONICA 150mm F3.5 ZENZANON E MC	MINT BOXED \$149.00
BRONICA 150mm F3.5 ZENZANON E MC	MINT \$129.00
BRONICA 150mm F4 PE	MINT \$125.00
BRONICA 150mm F4 PE E	MINT \$299.00
BRONICA E120 BACK	EXC++ \$30.00
BRONICA ETR5 120 BACK	MINT \$99.00
BRONICA ETR5 120 BACK	MINT \$79.00
BRONICA PLAIN PRISM FOR ETR5/ETR6	MINT CASED \$69.00
BRONICA AEI PRISM FINDER	MINT \$99.00
BRONICA 50mm F3.5 ZENZANON S	EXC+++ \$119.00
BRONICA 100mm F4 MACRO ZENZANON PE	MINT \$245.00
BRONICA 150mm F3.5 ZENZANON S	MINT \$165.00
BRONICA 50A 120 BACK	MINT BOXED \$99.00
CONTEX MFB-2 POLAROID BACK FOR CONTEX 645	NEW \$125.00
FLUJ GW 670 MK II C/W 90mm F3.5 LENS	MINT BOXED \$125.00
MAMIYA 150mm F4.5 + HOOD FOR MAMIYA 77II	MINT \$375.00

MAMIYA 65mm F4 SEKOR Z LENS FOR RZ + HOOD	MINT \$159.00
MAMIYA 65mm F4 L4 LENS FOR RZ	MINT \$199.00
MAMIYA 180mm F4.5 SEKOR Z W FOR RZ	MINT \$199.00
MAMIYA 250mm F4.5 LENS FOR RZ	MINT \$195.00
MAMIYA BACKS BELLOWS HOOD POL BACK	IN STOCK PHONE
MAMIYA 150mm F3.5 A/F FOR 645 A/F	MINT \$299.00
MAMIYA 210mm F4 SEKOR C FOR 645	MINT CASED \$195.00
MAMIYA R2 67 PRO BACK	MINT \$69.00
MAMIYA R2 67 PRO II BACK	MINT \$79.00
MAMIYA R2 67 POLAROID BACK	MINT \$75.00
MAMIYA 220 BACK FOR R2 67	MINT BOXED \$95.00
PENTAX 55mm F3.5 TAKUMAR SMC FOR 6x7	MINT \$299.00
PENTAX 55mm F2.8 FOR PENTAX 645	MINT BOXED \$199.00
PENTAX 150mm F3.5 FOR PENTAX 645	MINT BOXED \$199.00

Hasselblad

HASSELBLAD XPAN COMP WITH 45mm F4 LENS	EXC++ \$795.00
HASSELBLAD 90mm F4 FOR XPAN	MINT IN KEEPER \$365.00
HASSELBLAD SHWC WITH 38mm F4.5 BIOGON + FOR	EXC++ \$1,295.00
HASSELBLAD 503 CX WITH 80mm CF + BACK + WLF	EXC++ \$1,399.00
HASSELBLAD 506ELM + A12 BLACK BACK	EXC++ \$299.00
HASSELBLAD 40mm F4 CF	MINT \$995.00
HASSELBLAD 50mm F4 CF DISTAGON + HOOD + FILTER	
	MINT BOXED AS NEW \$1,295.00
HASSELBLAD 120mm F4 MAKRO PLANAR LENS	MINT BOXED \$495.00
HASSELBLAD 150mm F4 SONNAR CF	MINT \$499.00
HASSELBLAD 150mm F4 SONNAR CF	EXC+++ \$399.00
HASSELBLAD CW WINDER + REMOTE	MINT \$299.00
HASSELBLAD PLAIN PRISM	EXC \$75.00
HASSELBLAD PM PRISM	MINT \$199.00
HASSELBLAD 500CM503 WLF BLACK	MINT \$125.00
HASSELBLAD EXTENSION TUBE 16E F	MINT \$75.00
HASSELBLAD EXTENSION TUBE 55mm	MINT \$85.00

Nikon Auto-Focus, Digital Lenses & Accessories

NIKON F5 BODY	MINT \$475.00
NIKON F5 BODY	MINT \$399.00
NIKON F90 BODY + MB 10 GRP	EXC++ \$95.00
NIKON F90 BODY	MINT \$49.00
NIKON F55 BODY	MINT BOXED \$39.00



MRCAD

50% OFF THESE USED ITEMS
(As Listed)
February 4th - February 18th

SALE

EXAKTA

Elbaflex VX 1000 + 50mm f2	
Pancolour	£359
VX500 Serviced Body + WLF	£199
VX1000 + Prism + 50mm f2	
Pancolour	£299
Varex VX1000 + 50mm f2.8	
Tessar + prism	£239
Varex IIA Body	
- "USSR Occupied"	£299
Varex IIA Body + WLF-	£109
Varex IIB + 50mm f2.8 CZ Tessar	
+ Prism	£189
Varex IIB + 50mm f2.8 CZ Tessar	
+ Prism	£219
Back door for EXA	£15
24mm f4 Isco Westragon Auto	£299
25mm f4 CZ Flektagon Auto	£279
25mm f4 CZ Flektagon Auto	£299
35mm f3.5 Dufax Preset EXA Fit	£29
100mm f3.3 R Travegar	
with Exakta Bellows	£79
200mm f4.5 Optomax Preset EXA	£30
VX 1000 Waist Level Finder	£19
Varex II Eye Level Finder+Screen	£24
Varex WLF Finder with Screen	£35
Plain Prism with Screen for Varex	£25
CDS Meter Prism for RTL1000	£35
5 Piece Ext Tube Set	£39
4 Piece Ext Tube Set	£29
3 Piece Ext Tube Set	£25
Aico set of Manual tubes	£15
Soligor Set of Auto Tubes	£24
Chiyoluck Ext Tube Set	£20
Extension tube Set	£30
Astron Ext Tube Set X3	£24
Exakta Ext Tube No 1	£10
2X soligor Converter	£19
2X Converter Auto Soligor	£19
3X Converter Auto Sunagor	£29
3X Converter Soligor	£10
Auto Teleplus Variable converter	£29
Aufsatzlupe + Objective Lupen	
Einsatz Set	£99
Exakta Bellows + Slide Copier	
+ Focussing rail	£179
Accura Bellows - EXA Fit	£30
Novoflex Single Track Bellows	£69
Bellowstar Bellows Uni EXA fit	£15
Jhangee Bellows	£20
Novoflex Twin Track Bellows	£79
Jhangee Set of Ext tubes	£20
Exakta Copying Stand (No	
Baseboards) Inc Bellows Rack	£299
Ohnar Zoom Copier	£45
Ohnar Slide Reverser + Exakta Mt	£25
Soligor Slide Duplicator EXA Mt	£25
Exakta Microscope Adapter MK I	
with Swing Ring	£69

FED

Fed + 50mm f3.5 + Case	£299
Fed 1F + 50mm f3.5 + Case	£139
Fed 3 + 52mm f2.8 + Case	£99
Fed 3 + 50mm f2.8	£89
Fed 4 + 53mm f2.8 + Case	£59
Fed 4 + 53mm f2.8 + Case	£79
Fed 4 + 53mm f2.8 Lens + Case	
Slov Speeds slow As Seen	£29
Fed 5 + 55mm f2.8 + Case	£89
Fed 5B + 55mm f2.8 lens	£89
Case for Fed 2	£5
Backdoor for Fed 4	£5
Fed 3 Instruction Book	£10
Fed 4 Instruction Book	£10

MIRANDA

95-250mm f5.6 Bushnell Zoom	£59
150mm f4 Steinheil Culminon	
Macro Lens Helig	£89
350mm f5.6 Soligor Preset Lens	£59
Miranda WLF Automet	£20
Miranda VF 1 Viewfinder	£19
Miranda VF3 Viewfinder	£24
Chest Level Viewfinder Type	£19
Kirsch Optical Telescope +	
Microscope Converter - Boxed	£39
BPM Bellows + Miranda Mount	£43
Miranda AU Adapter	£15
Miranda T2 Mount	£10
Soligor 2X Tele Converter Auto	£29
Auto Teleplus 2X Converter	£13
Miranda F Foc Screen - Type A	
G/Glass Completely Biseected	£19
Split Image	£19
F Screen - Type A	£19

VOIGTLANDER

110 camera	£10
Voigtlander 110 EL	
Camera + Flash	£40
Voigtlander 500LK + Case	
W/On Lever Missing	£29
Voigtlander Vito BL	
Meter U/S - As Seen	£39
Voigtlander Vito B	£39
Voigtlander B - Speeds slow	£29
Voigtlander Vitomatic R	£45
Voigtlander Proxirect	£10
Voigtlander Bessa Case	£15
Voigtlander Body Cap	£8
Lens End and body Cap	£8

KODAK

Kodak Hawkeye No 2 As Seen	£10
Hawkeye Six 20 Brownie Junior	£10
Hawkeye 620 Brownie + Case	£15
Sterling II 6x9 620mm Film	£15
VP Twin	£10
Folding No 2 Cartridge Camera	
Premo	£15
Folding Autographic	
Kodak Brownie No 1A	£35
Brownie No 2	£10
Brownie No 2A EKC	£19
Brownie No 2A 6x9 116 Film	£19
Brownie No 2A Model B	£12
Kodak Brownie No 2A	£10
Brownie No 2A Model B	£15
Brownie No 2A Model C	£14
Brownie Twin 20	£10
Brownie Flash II	£12
Brownie 12 camera	£9
Kodak Brownie Cresta	£10
Brownie Model D	£10
Junior Six 16 616-620 Film	
2 1/4 X 3 1/4 cc1933 - 1940	£20
Junior Six 16	£20
Kodak Six 20 Special	£15
Imperial Portrait Box 120	£10
Gemini 110 Camera	£10
Tele Extra 42 110mm Camera	£10
Kodak Instamatic 104 Camera	£10
Microscope copying camera	
exceptionally rare	£99
Kodak 88 Model II	£30
Retinette *90618	£35
Retinette As Seen	£19
Retinette 1B As Seen	£25
Retinette 1B + Case *56975	£35
Retinette 1B + Case *148231	£39
Retinette 1B + Case *169769	£30
Retinette 1B As Seen *185537	£20
Retinette 1B + Case *424172	£29
Retinette 1B + Case *316448	£35
Retina 11F With Case	£59
Retina S2 *059390	£35
Retinette Micro Adapter	£89

LEICA M

MDA Body *1285415	£399
MD-2 Black Body *1532171	£299
MD-2 Black Body *1502285	£299
MD-2 Black Body *1650608	£299
MD-2 Body with M4-2 Drive	£499
M2 Body converted	
to Take Leica M4 Winder	£3000
200mm f4 Telyt *1851725 with	
QUBIO Boxed	£299
Right Way Round Visoflex Mag	£130
Right Angle 5X Magnifier	
PAMOO *18488L	£39
Foc Bellows I with Ext Hood	£279
Leitz aperture	
Setting Ring VTR00	£30
Leitz Focussing Bellows with Slide	
Copying Attachment Ext Hood	£199
Leitz Focussing Bellows 2 with	
visoflex	£200
Bellows M Fit with 16558Z Ring	£129
BPM Bellows Leica M fit	£49
Visoflex II	£129
Visoflex without Magnifier	£99
Leica Coupler - Visoflex *1648645	
Repro N tube	£10
Leica M Meter - As Seen	£39
Leica MR Meter - Chrome	£79
Case for M5	£39

PRAKTICA PB

Praktica BCA + 50mm f1.8	£79
Praktica BC1 + 35-70mm f3.8/4.7	£79
Praktica BMS+50mm f1.8+Case	£65
Praktica BX20+50mm f1.8+Case	£89
Praktica B100 + 50mm f1.8	£89
28mm f2.8 PB	£45
28mm f2.8 CZ Jena PB	£30
28-70mm f3.5/f4.5 Sigma PB Fit	£49
28-200mm f4/f5.6 Sigma PB Fit	£89
50mm f1.8 Pentacoon As Seen	£20
50mm f1.8 Pentacoon Praticar	£35
55-200mm f4/f5.6 Prakticar PB	£55
70-210mm Prakticar PB Fit	£59
70-210mm Sigma PB	£49
70-210mm f4/f5.6 Prakticar PB	£59
70-200mm f2.8/f3.5 Sigma PB	£49
80-200mm f3.5/f4 Sigma PB	£45
80-200mm f4.5/f5.6 Pentacoon	£55
80-200mm f4.5/f5.6 Pentacoon	£45
135mm f2.8 CZ Jena Pentacoon	
Bayonet	£39
135mm f2.8 MC CZ Prakticar	£40
135mm f2.8 Pentacoon	£30
135mm f3.5 Praktica PB	£35
Praktica PB to M42 Adapter	£29
2X Converter Praktica PB	£20
2X Converter Soligor	£29
Pentacoon Auto Ext Tubes Set	£50
Set o Auto Et tubes	£20
Bellows unit with PB Fil T2 Mount	£55
Slide Duplicator	£40
Paragor Slide duplicator	£40
PB to M42 Adapter	£15
PB T2 Mount	£10

PRAKTICA M42

Praktica IVF + 50mm f2.9 Meritar	£49
28mm f2.8 Teflon Auto screw	£29
28mm f2.8 Tokina Auto Screw	£30
28mm f2.8 Topman Auto	£20
28mm f2.8 Mirage Auto Screw	£25
28-80mm f2.8/4 Super Paragon	£49
28-80mm f3.5/f4.5 Sun -As seen	£25
28-100mm f3.5/f4.5 Sunagor	£45
35mm f2.8 Access Sq Preset	£20
35mm f3.5 Prinz Galaxy Auto	£35
35mm f3.5 Dufax Preset	£25
35mm f3.5 Promura Preset	£20
35mm f3.5 Prinz Paragon	£20
35mm f3.5 Soligor Preset	£20
50mm f2.8 Meritar Preset	£25
50mm f3.5 Russian Industar	£20
52mm W/Angle Vivanco Lens	
Attachment 0.5x	£30
58mm f2 Helios Preset 44-2	£19
58mm f2 Helios Auto Screw	£28
58mm f2 Russian Helios 44	£19
70-140mm f3.8 Unilux Auto	£39
75-200mm f4.5 Sun Auto Screw	£30
75-260mm f4.5 Hoya M42 + Case	£69
80-200mm f4.5 Mitako AutoScrew	£45
95-205mm f6.3 Tamron Preset	£39
135mm f2.8 Hanimec Preset	£19
135mm f2.8 Mirage Auto	£29
135mm f2.8 HC Cavenar Auto	£25
135mm f2.8 Pallas Auto Screw	£29
135mm f2.8 Prinz Auto MC	£29
135mm f2.8 Sunomar Auto Screw	£25
135mm f3.5 Frontron Preset	£19
135mm f3.5 Hanimec Auto Screw	£25
135mm f3.5 Janik Preset	£19
135mm f3.5 Prinz Galaxy Preset	£19
135mm f3.5 Zodel Auto Screw	£20
135mm f3.5 Mepro Preset	£19
135mm f4 Isconar Preset	£19
135mm f4.5 Tamron Preset	£20
135mm f4.5 Tamron + 225mm	£7.7
Converter Preset - Rare	£29
200mm f3.5 Photax Preset	£25
200mm f3.5 Panagor Auto	£39
200mm f3.9 Access Auto Screw	£30
200mm f4.5 Access Preset New	£25
200mm f4.5 Soligor Preset	£29
300mm f5.5 Unitor Auto	£38
300mm f5.5 Optomax Auto Screw	£45
400mm f6.3 Hanimec Preset	£59
400mm f6.3 Tele Astranar Preset	£30
SLR Fit Self Timer Unit	£10
Sunagor 2x Converter	£6
Hoya 2X Auto Screw converter	£9
2x Converter Auto	£10
Ranger 2X converter	£10
Pentacoon Ext Tube No 4	£10
Wrayflex Extension Tubes	£12
Astron Set of Ext Tubes	£10
Vivitar Set of Tubes M42	£19
Optomax Set of Ext Tubes	£9
Set of Manual Ext tubes Russian	£9
Kopil set of 3 Rings	£8
Panavision W/A Lens Adapter	
With Series VII - 49mm Ring	£35
Novoflex Focussing Stage	£45
Novoflex Focussing Rail	£45
Eagle Bellows Scw fit	£12
Novoflex Twin Track Bellows	
with 60mm f4	£199
Russian Twin Track Bellows	£29
Unitor Manual Bellows	£20
52mm Iorex Zoom C/Up	£20
Hoya Zoom Close Up	£25
Nahlinse Zoom close Up	£30
SlideDuplicator Slide Viewer	£10
Magic Ring Set	£30
M42 body mount	£9
Self timer Unit	£10

ZORKI

3 C Original Box	£10
4K body - For Spares	£20
6 + 50mm f3.5 + Case	£169
50mm f3.5 Industar for 3M	£15
135mm f4 Jupiter 11 Zorki fit	£49
Edixamat Body - For Spares only	£10
Edixa mat Refe Reflex Body	
S-L (Serviced)	£95
Edixa II L + 45mm f2.8 Westanar lens	
+ case	£40
Edixa Reflex C + 50mm f2.8	£129
Edixa Mat Reflex Model S L	£95
Mat Flex+50mm f2.8	
Iscofar + Case	£89
Edixa Reflex C + 50mm f2.8	
Cassaron (Serviced)	£129
Edixa Mat Kadelt + 50mm f1.9	
Ennalyt (Serviced)	£129
Prismat TTL + 50mm f2.8 Iscofar	£49
Set of Manual Ext tubes	£12
Waist level Finder for Edixa	£10
WLF for Edixamat Flex	£20
Prisms for Edixamat Reflex D	£19
Praktina 50mm f2.8 CZ Lens	£35
135mm f2.8 Tele Iscaron	£39
Pentina with 50mm f2.8 Tessar	
30mm f4.5 Lydlth and 135mm f4	
Domigor Kit	£59

EDIXA

Edixamat Body - For Spares only	£10
Edixa mat Refe Reflex Body	
S-L (Serviced)	£95
Edixa II L + 45mm f2.8 Westanar lens	
+ case	£40
Edixa Reflex C + 50mm f2.8	£129
Edixa Mat Reflex Model S L	£95
Mat Flex+50mm f2.8	
Iscofar + Case	£89
Edixa Reflex C + 50mm f2.8	
Cassaron (Serviced)	£129
Edixa Mat Kadelt + 50mm f1.9	
Ennalyt (Serviced)	£129
Prismat TTL + 50mm f2.8 Iscofar	£49
Set of Manual Ext tubes	£12
Waist level Finder for Edixa	£10
WLF for Edixamat Flex	£20
Prisms for Edixamat Reflex D	£19
Praktina 50mm f2.8 CZ Lens	£35
135mm f2.8 Tele Iscaron	£39
Pentina with 50mm f2.8 Tessar	
30mm f4.5 Lydlth and 135mm f4	
Domigor Kit	£59

LEICA R

Leica AF C1 with Case	£99
R3 MOT Body *1508257	£229
R3 MOT Body *1517484	
with R3 Motor winder	£199
R4 Body Mint *1581897	£239
28-70mm Vario Elmar R 3 Cam	£459
35mm f2.8 Elmarit R 2 Cam	£299
60mm f2.8 Elmarit Macro R	
with Macro 1:1 Adapter 3 Cam	£499
Leica Macro converter for 60mm f2.8	
Elmarit R 1:1	£199
135mm f2.8 Elmarit R 2 Cam	£189
400mm f6.8 Telyt Lenshead	£299
BPM Bellows + Leica R Mount	£99
R Set of Leitz Ext Tubes	£139
R Ext Rings 14158 + 14134	£65
R Extension Ring *1435	£22
R165430 ELPRO	£89
R 2X Extender *3142862	£199
R Right Angle Finder *14326	£99
Interval Timer RC for R	£69
R3 Winder	£69
R4 Winder+Spare Battery holder	£109
R3 Power Winder + Grip	£109
R4 Grip for winder	£20
R4 Motordrive	£199
R Leica Remote Control R With	
Extension Cord - Electronic Control	
Unit for R3 MOT	£75
R4 Elec Release Switch 0.3M	£29
R3 Case	£49
Neckstrap for Trinovid Binoculars	£30
Focussing Screen 14307	£29
Diopters for Leica R4/R3/SL or SL2	
+0.5, -0.5, -2, Each	£24
Double Ended Rear Lens Cap	£18
Lens end Cap 14106K	£10
Lens Cap 14163K	£10
Lenshood *12509	£20

COLLECTABLES

Adox Golf 6x6 120mm Film	
Rangefinder	£30
Agfa Motor Camera + 90mm f4 Lens	
And 250 Exp Back	£499
Optima	£29
Optima †	£20
Optima1 C/Agner 45/f2.8	£25
Hove Guide for Sillette	£5
Agfa Sillette + 45mm f2.8 Colour	£19
Agfa Sillette Rapid F With Case	£25
Agfa Sillette - Timer u/s	£20
Agfa Sillette Lenshood	£5
Agfa Isolet II With Case	£25
Agfa Isolette Vario Shutter	£20
Agfa Isolette II 6x6 120 Camera	£35
Agfa Karat - 55mm f3.5 Apolar	£30
Agfamatic 4000 110 Camera	£29
Agfamatic 4008 110 Camera	£5
AGI Aglux Agfold with Case	£99
Bencini Comet II	£25
Bairlette Model II - Rapid film	£20
Boirette	£15
Boyer Bakerlite Camera 6x9 VII	
620mm Film	£29
Braun 35mm f3.5 Enna Lithagon	
Lens for Braun Reflex	£39
Braun Paxette 28B	£18
Canon Canonet 28	£25
Canonette Rangefinder	£30
Coronet Vogue 628 Film	£79
Victor 120mm Film	£19
Coronet Cub Flash	£15
Finetta 88	£55
Fuji Three C's	£25
Houghton Butchers 2 1/4" B (E20)	
6X9 120mm	£19
Butchers Kilto Drop Plate	£60
Butchers 4x3" Plate Camera	£35
Butcher 2 1/2 Box Camera 6x11	£19
Butcher Reflex - as Seen	£89
Butcher Reflex Carbine	£115
Snapper 6x9 620 Film	£19
Carbine 6x9 Folding Camera	£49
20mm 6x6 Film	£20
Ensignette II 127mm Film	£69
820 6x8 + 6x9 120mm Film	£89
E29- Box Camera	£12

PARKCameras



Visit our website - updated daily
www.ParkCameras.com/AP
 or phone us Monday - Sunday
01444 23 70 60

EOS-1D^X

PERFORMANCE
REDEFINED



Body SRP TBC
Lens sold separately

- ▶ 18.1 MP full frame CMOS sensor
- ▶ Up to 12fps plus 14fps High speed mode
- ▶ 100-51200 ISO, up to H:204800
- ▶ 61 point AF system
- ▶ 100,000 pixel RGB AE metering
- ▶ Full HD 1080p EOS movie
- ▶ Dual "DIGIC 5+" processors
- ▶ Clear View II 3.2" 1,040k LCD
- ▶ Ethernet port

Due March 2012
Pre-order now to
receive one of the
first cameras in
the UK!
 See website for details



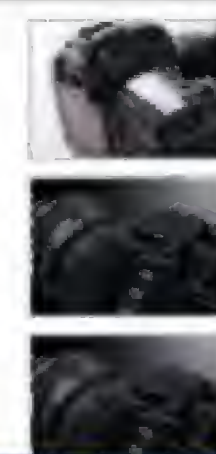
EOS 5D^{Mark II}

EXTEND THE BOUNDARIES OF
YOUR PHOTOGRAPHY.



Body SRP £2,299.99
Lens sold separately

- ▶ 21.1MP full frame CMOS sensor
- ▶ DIGIC 4 processor
- ▶ ISO range expandable to 25600
- ▶ Full HD (1080, 30fps) movie recording
- ▶ High-res 3.0" VGA LCD with Live View
- ▶ Up to 3.9fps JPEG shooting up to card capacity
- ▶ 9-point AF + 6 Assist AF points
- ▶ Magnesium alloy body



EOS 5D Mk II Body Only **£1,521.99** EOS 5D Mk II + 24-105 L IS **£2,293.99** EOS 5D Mk II + 70-300 L IS **£2,610.99**

Canon EOS 1100D



- ▶ 12 Megapixel CMOS sensor
- ▶ On-screen Feature Guide
- ▶ Creative Auto and Basic+
- ▶ HD Video capture
- ▶ Compact & Lightweight

EOS 1100D Body Only **£309.00** EOS 1100D + 18-55 IS II **£394.99**

Canon EOS 550D



- ▶ 18 Megapixel CMOS sensor
- ▶ Up to 3.7fps shooting
- ▶ Full HD movies
- ▶ ISO 100-6400, H:12800
- ▶ 3.0" LCD Screen

EOS 550D Body Only **£469.99** EOS 550D + 18-55 IS II **£569.99**

Canon EOS 600D



- ▶ 18 Megapixel CMOS sensor
- ▶ Scene Intelligent Auto mode
- ▶ Full HD movies
- ▶ Up to 3.7fps shooting
- ▶ 3.0" Vari-angle LCD Screen

EOS 600D Body Only **£549.99** EOS 600D + 18-55 IS II **£609.99**

Canon PowerShot S100



- ▶ 12.1 MP CMOS sensor
- ▶ HS System with DIGIC 5
- ▶ 5x Optical Zoom
- ▶ Intelligent IS
- ▶ Lens Control Ring

PowerShot S100 **£384.00*** Add a SanDisk 8GB Ultra SDHC Card for only £12.99!

Canon EOS 60D



- ▶ 18 Megapixel CMOS sensor
- ▶ Advanced creative features
- ▶ Full HD movies
- ▶ ISO 100-6400, H:12800
- ▶ 3.0" Vari-angle LCD Screen

EOS 60D Body Only **£784.99** EOS 60D + 18-55 IS II **£889.99**

Canon EOS 7D



- ▶ 18 Megapixel CMOS sensor
- ▶ Up to 8fps shooting
- ▶ Full HD movies
- ▶ Magnesium alloy body
- ▶ 3.0" Clear View II LCD

EOS 7D Body Only **£1,099.00** EOS 7D + 18-55 IS II **£1,679.98**

Canon EOS-1D^{Mark IV}



- ▶ 16.1 Megapixel CMOS sensor
- ▶ Up to 10fps shooting
- ▶ Full HD movies
- ▶ High ISO up to 102400
- ▶ 3.0" Clear View II LCD

EOS-1D IV Body Only **£3,499.00** See website for bundle deals with the EOS-1D IV

Canon PowerShot G1X



- ▶ 14.3 MP CMOS sensor
- ▶ HS System with DIGIC 5
- ▶ 4x Optical Zoom
- ▶ 3.0" Vari-angle LCD Screen
- ▶ Full HD Movie

PowerShot G1X **See Web** Add a SanDisk 16GB Extreme HD SD Card for only £34.99!

Canon Lenses

For money saving deals with filters & hoods, visit our website.

Our most popular Canon lenses, at LOW PRICES!

EF 50mm f/1.8 II



Now £88.99 Save **£41** Was £129.99

- 14mm f/2.8 II USM **£1,899.00**
- 20mm f/2.8 USM **£408.99**
- 24mm f/1.4L Mk II USM **£1,324.00**
- 24mm f/2.8 **£369.99**
- 28mm f/1.8 USM **£382.99**
- 28mm f/2.8 **£165.99**
- 35mm f/1.4L USM **£1,159.99**
- 35mm f/2.0 **£219.99**
- 50mm f/1.2 L USM **£1,269.00**
- 50mm f/1.4 USM **£299.99**
- 50mm f/1.8 II **£88.99**
- 50mm f/2.5 Macro **£234.99**
- EF-S 60mm f/2.8 Macro **£344.99**
- MP-E 65mm f/2.8 **£849.99**
- 85mm f/1.2L II USM **£1,699.00**
- 85mm f/1.8 USM **£311.99**
- 100mm f/2 USM **£380.99**
- 100mm f/2.8 USM Macro **£429.00**
- 100mm f/2.8L Macro IS USM **£689.99**
- 135mm f/2.0L USM **£899.00**
- 135mm f/2.8 Soft Focus **£352.99**
- 180mm f/3.5L USM Macro **£1,249.99**
- 200mm f/2.0L IS USM **£4,939.99**
- 200mm f/2.8L USM/2 **£614.99**

EF 24-105mm f/4.0 L IS USM White Box



Now £849.99 Save **£560** Was £1,409.99

- 300mm f/2.8L USM IS II **£5,539.99**
- 300mm f/4.0L USM IS **£1,179.99**
- 400mm f/2.8L USM IS II **£8,869.00**
- 400mm f/4.0 DO L USM IS **£5,379.99**
- 400mm f/5.6L USM **£1,099.99**
- 500mm f/4.0L USM IS II **£8,489.00**
- 600mm f/4.0L USM IS II **£10,999.00**
- 800mm f/5.6L IS USM **£9,699.99**
- TSE 17mm f/4.0L **£1,829.99**
- TSE 24mm f/3.5L II **£1,699.99**
- TSE 45mm f/2.8 **£1,118.99**
- TSE 90mm f/2.8 **£1,118.99**
- 8-15mm f/4L Fisheye USM **£1,149.00**
- EF-S 10-22mm f/3.5-4.5 USM **£619.99**
- EF-S 15-85mm f/3.5-5.6 IS USM **£594.99**
- EF-S 15-85mm IS (Unboxed) **£560.00**
- 16-35mm f/2.8L II USM **£1,099.99**
- 17-40mm f/4.0L USM **£614.00**
- EF-S 17-55mm f/2.8 IS USM **£769.00**
- EF-S 17-85mm f/4.0-5.6 IS USM **£324.99**
- EF-S 17-85mm IS (Unboxed) **£289.99**
- EF-S 18-55mm f/3.5-5.6 IS II **£139.99**
- EF-S 18-55mm IS II (Unboxed) **£90.00**
- EF-S 18-135mm f/3.5-5.6 IS **£289.99**

EF 70-200mm f/2.8 L IS USM II



Now £1,879.99 Save **£920** Was £2,799.99

- EF-S 18-135mm IS (Unboxed) **£259.99**
- EF-S 18-200mm f/3.5-5.6 IS **£399.99**
- 24-70mm f/2.8L USM **£980.00**
- 24-105mm f/4.0L IS USM **£929.99**
- 24-105mm IS (White Box) **£849.99**
- 28-135mm f/3.5-5.6 USM IS **£374.00**
- 28-300mm f/3.5-5.6L IS USM **£2,184.99**
- EF-S 55-250mm f/4-5.6 IS **£164.99**
- EF-S 55-250mm f/4-5.6 IS II **£199.99**
- 70-200mm f/2.8L IS II USM **£1,879.99**
- 70-200mm f/2.8L USM **£979.00**
- 70-200mm f/4.0L IS USM **£934.99**
- 70-200mm f/4.0L USM **£499.00**
- 70-300mm f/4.0-5.6 IS USM **£399.99**
- 70-300mm f/4.0-5.6L IS USM **£1,089.00**
- 70-300mm f/4.5-5.6 DO IS USM **£1,139.99**
- 75-300mm f/4.0-5.6 Mk III **£199.99**
- 75-300mm f/4.0-5.6 USM IS **£1,241.99**
- 100-400mm f/4.5-5.6L USM IS **£1,249.99**
- 200-400mm f/4.0L USM IS **TBC**
- 1.4x III Extender **£449.99**
- 2x III Extender **£449.99**
- EF 12II Extension Tube **£79.99**
- EF 25II Extension Tube **£139.99**

PIXMA PRO-1

Experience the ultimate quality. Create professional, saleable prints with this 12-link A3+ printer without sending your images to a photolab. High productivity and media support ensure maximum profit.



Now £699.00 Save **£46** Was £799.00

Add a full set of Canon PGI inks **Bundle Offer** for only **£274.98** Save **£66**

For the range of Canon media at LOW PRICES, visit www.ParkCameras.com/AP

Canon Accessories

Wireless File Transmitters	Battery Grips	Waterproof Housings
WFT-E1 (EOS 1Ds II) £999.99	BG-E5 (EOS 450D) £119.99	WP DC26 (IXUS 870 IS) £119.99
WFT-E2 Mark II (EOS 1D IV) £629.99	BG-E6 (5D Mk II) £219.95	WP DC28 (PowerShot G10) £169.99
WFT-E3 (EOS 40D) £719.99	BG-E7 (7D) £149.99	WP DC32 (IXUS 110 IS) £169.99
WFT-E4 (EOS 5D Mk II) £499.99	BG-E8 (550D) £114.99	WP DC33 (IXUS 120 IS) £175.00
WFT-E4 Mark II (EOS 5D Mk II) £599.99	BG-E9 (60D) £159.99	WP DC35 (PowerShot S90) £175.00
WFT-E5B (EOS 7D) £429.99		WP DC39 (IXUS 115) £175.00
Batteries	Flashguns	Cases
NB 6L (for Digital IXUS 85 IS) £43.00	Speedlite 270EX II £159.99	EH-19L Semi-Hard (600D) £39.99
NB 7L (for Powershot G10) £59.00	Speedlite 320EX £224.99	EH-20L Semi-Hard (7D) £92.99
NB 9L (for IXUS 1000 HS) £43.00	Speedlite 430EX II £209.99	EH-21L Semi-Hard (60D) £89.99
BP 511A (GG,30D,40D,50D,5D) £79.99	Speedlite 580EX II £379.00	DCC-62 Leather (IXUS 105) £4.99
LP E4 (for EOS 1D/1Ds Mark III) £124.00	MacroLite MR-14EX £459.99	DCC-85 Soft Case (A1000 IS) £6.99
LP E5 (EOS 450D / 500D) £44.99	MT-24EX Macro Twin Flash £789.99	DCC 510 Soft Case (A3300 IS) £19.00
LP E6 (for 60D / 7D / 5D Mk II) £69.99	Speedlite Transmitter ST-E2 £179.99	DCC 1500 Soft Case (SX210 IS) £23.00
LP E8 (for EOS 550D / 600D) £44.99		DCC 1600 Soft Case (G12) £39.00
LP E10 (for EOS 1100D) £44.99		DCC 1400 Soft Case (S90) £23.00
Remotes		SC-DC65A Black Case (G11) £75.00
RC-6 (EOS, 550D, 600D) £16.99		
RS-60E3 (EOS 400D, 450D) £24.99		
RS-80N3 (40D, 5D, 1D III, 1Ds II) £44.99		
TC-80N3 (50D, 5D, 1D III, 1Ds II) £119.99		
LC-5 Wireless Controller Set £334.99		

Canon LP E6 Battery

Now £69.99 was £74.99

For use with EOS 60D, EOS 7D & EOS 5D Mk II

Canon Speedlite 320EX

Now £224.99 was £229.99

Canon BG E6 Batt. Grip

Now £219.99 was £289.99

For use with EOS 5D Mk II

Canon LP E8 Battery

Now £44.99 was £49.99

For use with EOS 550D and EOS 600D

Canon Speedlite 580EX II

Now £379.00 was £559.99

Canon BG E8 Batt. Grip

Now £114.99 was £159.99

For use with EOS 550D and EOS 600D

Canon LP E10 Battery

Now £44.99 was £49.99

For use with EOS 1100D

Canon MacroLite MR-14EX

Now £459.99 was £649.99

Canon RC-6 Remote

Now £16.99

As a Canon EOS Professional Centre, Park Cameras is designed to give you the very best photographic retail experience.

PARKCameras



Visit our state of the art
showroom in West Sussex, less
than 15 miles from Brighton
York Road, Victoria Business Park,
Burgess Hill, West Sussex, RH15 9TT

Nikon D4

Due Mid-February 2012
Pre-order now to receive one
of the first cameras in
the UK!
See website for details

Ready for anything, the D4 has the durability & the versatility to realize every shooting opportunity out there.

- ▶ 16.2 Megapixel Full-Frame sensor
- ▶ ISO 100-12800
- ▶ Multi-area format D-Movie
- ▶ Highly durable Kevlar/carbon fiber-composite shutter unit
- ▶ Multi-CAM3500FX 51-point AF system
- ▶ EXPEED 3 image processing engine
- ▶ 3.2" 922k-dot LCD monitor
- ▶ 3D Color Matrix Metering III
- ▶ Wireless LAN and Ethernet support



Visit www.ParkCameras.com/Nikon-D4 for full details and to watch our D4 preview.

Nikon J1

- ▶ 10.1 Effective Megapixels
- ▶ Full-HD Movie Recording
- ▶ High-speed continuous shooting
- ▶ 3.0" LCD Screen
- ▶ Motion Snapshot



J1 + 10-30mm £429.95 J1 + 10mm £485.00

Nikon V1

- ▶ 10.1 Effective Megapixels
- ▶ Full-HD Movie Recording
- ▶ High-speed continuous shooting
- ▶ 3.0" LCD Screen
- ▶ Motion Snapshot



V1 + 10-30mm £699.99 V1 + 10mm £759.00

Nikon D300s

- ▶ 12.3 Megapixel CMOS sensor
- ▶ High ISO (200-3200)
- ▶ D-Movie function
- ▶ 7 fps continuous shooting
- ▶ Durable, magnesium alloy body



D300s Body Only £999.00 D300s + 18-200 VR £1,598.99

Nikon D3s

- ▶ 12.1 MP Full-Frame CMOS sensor
- ▶ High ISO (200-3200)
- ▶ D-Movie function
- ▶ 9 fps continuous shooting
- ▶ Durable, magnesium alloy body



D3s Body Only £3,399.99 See website for further Nikon D3s Offers

PROFESSIONAL Dealer

As a Nikon Professional Dealer, Park Cameras is designed to give you the very best photographic retail experience.

PENTAX K-r

- ▶ 12 Megapixel stabilised CMOS sensor
- ▶ High Sensitivity up to ISO 25,600
- ▶ Continuous shooting 6 fps
- ▶ HD Video
- ▶ High resolution 3" LCD Screen



K-r Black + 18-55mm £429.00 Available with FREE Pentax Nylon Case

PENTAX Q

- ▶ 12 MP CMOS sensor
- ▶ Full HD Video
- ▶ New range of lenses
- ▶ Shake reduction system
- ▶ 3.0" LCD Screen



Q + 8.5mm £339.00* Q + 8.5mm + 5-15mm £459.00*

PENTAX K-5

- ▶ 16.3 Megapixel stabilised sensor
- ▶ Weatherproof body with 77 seals
- ▶ Continuous shooting 7 fps
- ▶ Sensitivity range: ISO 80-51,200
- ▶ Full HD Video



K-5 Body Only £699.00 K-5 + 18-55 VR £729.00

PENTAX 645D

- ▶ 40 million pixels
- ▶ Low-pass-filter-less design
- ▶ 77-segment metering
- ▶ Weather resistant
- ▶ Dual SD/SDHC card slots



645D Body Only £8,555.55 645D + 55mm £9,666.66

Pentax Lenses

FIXED FOCAL LENGTH LENSES

14mm f/2.8 DA ED IF SMC £537.00
15mm f/4 ED AL DA ED SMC £579.00
21mm f/3.2 DA ED IF SMC £389.00
31mm f/1.8 FA SMC (Black) £1,039.00
35mm f/2.4 SMC DA AL £134.00
35mm f/2 FA AL SMC £439.00
40mm f/2.8 DA SMC Limited £329.00
43mm f/1.9 SMC FA (Black) £649.00
55mm f/1.4 SDM DA* £589.00
70mm f/2.4 SMC DA Limited £389.00
77mm f/1.8 SMC DA (Black) £789.00

MACRO LENSES

200mm f/2.8 SMC DA* ED IF £729.00
300mm f/4 SMC DA* ED IF SDM £929.00
35mm f/2.8 Macro Limited £299.00
50mm f/2.8 MACRO DFA SMC £369.00
100mm f/2.8 D FA Macro WR £479.00
WIDE ZOOM LENSES
10-17mm SMC f/3.5-4.5 DA ED £379.99
12-24mm f/4 DA ED AL (IF) £588.00
16-50mm f/2.8 ED AL IF DA* £629.00
17-70mm SMC DA f/4 AL IF £389.00

STANDARD ZOOM LENSES

18-55mm f/3.5-5.6 (Unboxed) £29.00
18-55mm f/3.5-5.6 DA AL WR £174.00
18-55mm WR (Unboxed) £74.00
18-135mm f/3.5-5.6 WR £369.00
18-135mm WR (Unboxed) £299.99
TELEPHOTO ZOOM LENSES
50-135mm f/2.8 ED IF DA* £819.99
50-200mm f/4-5.6 ED WR £149.00
55-300mm f/4-5.8 £289.00
60-250mm f/4.0 ED (IF) SDM £1,019.00

Nikon Lenses

For money saving deals with filters & hoods, visit our website.

AF-G 10.5mm f/2.8G ED DX £489.99 AF-S 200mm f/2G ED VR II £4,334.99 AF-S 17-35mm f/2.8 IF-ED £1,399.99
AF-D 16mm f/2.8D Fisheye £613.99 AF-S 300mm f/2.8G ED VR II £4,054.99 AF-S 17-55mm f/2.8G IF-ED £1,079.99
AF-D 14mm f/2.8D £1,249.99 AF-S 300mm f/4 IF-ED £979.99 AF-S 18-55mm f/3.5-5.6G II £127.99
AF-D 20mm f/2.8 £469.99 AF-S 400mm f/2.8G ED VR £6,645.00 AF-S 18-55mm f/3.5-5.6G VR II £110.00
AF-D 24mm f/2.8D £344.99 AF-S 500mm f/4G ED VR £5,869.99 AF-S 18-105mm f/3.5-5.6G VR £215.00
AF-S Nikkor 24mm f/1.4G ED £1,603.99 AF-S 600mm f/4G ED VR £7,199.99 AF-S 18-200mm f/3.5-5.6G VR II £599.99
AF-D 28mm f/2.8 £226.99 AF-S DX 40mm f/2.8G ED £239.99 AF-S 24-70mm f/2.8G ED £1,229.99
AF-S 35mm f/1.4G £1,394.99 AF-S 60mm f/2.8G Micro ED £409.99 AF-D 24-85mm f/2.8-4 £529.99
35mm f/2.0 AF Nikkor D £262.99 AF-S 85mm f/3.5G DX Micro £413.99 AF-S 24-120mm f/4G ED VR £849.99
35mm f/1.8 AF-S DX £169.99 AF-S 105mm f/2.8G VR IF-ED £612.99 AF-S 28-300mm f/3.5-5.6G VR £694.99
AF 50mm f/1.4D £239.99 AF-D 200mm f/4D IF-ED £1,139.99 AF-S 55-200mm f/4.5-5.6 VR DX £199.99
AF-S 50mm f/1.4G £293.99 PC-E 24mm f/3.5D ED £1,419.99 AF-S 55-300mm f/4.5-5.6G VR £274.99
AF-D 50mm f/1.8 £112.99 PC-E 45mm f/2.8D ED Micro £1,419.99 AF-S 70-200mm f/2.8 VR II £1,599.99
AF-S 50mm f/1.8G £184.99 PC-E 85mm f/2.8D ED £1,399.99 AF-S 70-300mm f/4.5-5.6G VR £428.99
AF-D 85mm f/1.8D £314.99 AF-S 10-24mm f/3.5-4.5G DX £666.99 AF-D 80-400mm f/4-5.6 VR £1,184.99
AF-S 85mm f/1.4G £1,249.99 AF-S DX 12-24mm f/4G IF-ED £829.99 AF-S 200-400mm f/4G VR II £4,899.99
AF-D 105mm f/2.0 Nikkor £619.99 AF-S 14-24mm f/2.8G ED £1,316.99 TC-14E II 1.4x Teleconverter £319.99
AF-D 135mm f/2.0D £989.99 AF-S 16-35mm f/4G ED VR £849.99 TC-17E II 1.7x Teleconverter £319.99
AF-D 180mm f/2.8 IF-ED £628.99 AF-S 16-85mm f/3.5-5.6G VR £448.99 TC-20E III 2.0x Teleconverter £404.99

Nikon D5100

- ▶ 16.2 Megapixel CMOS sensor
- ▶ High ISO (100-6400)
- ▶ Full HD movies
- ▶ 4 fps continuous shooting
- ▶ Compact & Lightweight



D5100 Body Only £525.00 D5100 + 18-55 VR £665.00

Nikon D90

- ▶ 12.3 Megapixel CMOS sensor
- ▶ High ISO (200-3200)
- ▶ D-Movie function
- ▶ 4.5 fps continuous shooting
- ▶ Compact & Lightweight



D90 Body Only £549.99 D90 + 18-105 VR £729.99

Nikon SLR System Bag

Now £9.99 was £39.99

Suitable to hold a Digital SLR and lenses

Nikon SB 700 Speedlite

Now £249.99 was £295.99



Nikon EN-EL3e Battery

Now £48.00 was £67.99

For use with D90, D300 and D700

Nikon SB 900 Speedlite

Now £324.95 was £417.99



Nikon EN-EL15 Battery

Now £59.99 was £70.99

For use with D7000

Nikon SB 910 Speedlite

Now £419.99 was £449.99



Nikon MB-D10 Batt. Grip

Now £269.99 was £350.99

For use with D300 & D700



Nikon MB-D11 Batt. Grip

Now £219.99 was £305.99

For use with D7000



Nikon ME-1 Microphone

Now £99.99 was £119.99

For use with D5100



OLYMPUS E-PM1

- ▶ 12.3 MP CMOS sensor
- ▶ Full HD Movie
- ▶ 6 Creative Art Filters
- ▶ Metal Body
- ▶ 3.0" LCD Screen



NOW IN STOCK!! See website for our latest low prices

OLYMPUS E-PL1

- ▶ 12.3 MP MOS sensor
- ▶ HD Movie
- ▶ Image Stabiliser
- ▶ Art Filters
- ▶ 2.7" LCD Screen



E-PL1 Black + 14-42mm £248.50 E-PL1 Black Twin Kit £399.00

OLYMPUS E-PL3

- ▶ 12.3 MP MOS sensor
- ▶ Full HD Movie
- ▶ 6 Creative Art Filters
- ▶ Metal Body
- ▶ 3.0" Tilt LCD



NOW IN STOCK!! See website for our latest low prices

OLYMPUS E-P3

- ▶ 12.3 MP MOS sensor
- ▶ Full HD Movie
- ▶ Image Stabiliser
- ▶ 10 Creative Art Filters
- ▶ 3.0" LCD Touchscreen



NOW IN STOCK!! See website for our latest low prices

Olympus Lenses

4/3 LENSES

8mm f/3.5 ED Fisheye £714.99
25mm f/2.8 Pancake £208.99
35mm f/3.5 Macro £199.99
50mm f/2.0 ED Macro £569.00
150mm f/2.0 ED £1,999.00
300mm f/2.8 ED £5,799.00
7-14mm f/4 £1,449.00
9-18mm f/4.0-5.6 £479.00
11-22mm f/2.8-3.5 £719.00
12-60mm f/2.8-4.0 ED SWD £899.00
14-42mm f/3.5-5.6 ED £95.00

14-42mm f/3.5-5.6 ED

£95.00
14-42mm f/3.5-5.6 ED II £249.99
14-35mm f/2.0 ED SWD £1,799.00
14-54mm f/2.8-3.5 II £549.00
18-180mm f/3.5-6.3 £419.00
35-100mm f2.0 £1,999.00
40-150mm ED (Unboxed) £149.00
40-150mm f/4.0-5.6 ED II £244.99
50-200mm f/2.8-3.5 ED SWD £979.00
70-300mm f/4.0-5.6 ED £309.99
90-250mm f/2.8 £4,699.00
EC-14 1.4x Tele Converter £367.99

EC-20 2x Tele Converter

£387.99
MICRO 4/3 LENSES
12mm f/2.0 £599.99
17mm f/2.8 £249.99
45mm f/1.8 See Web
9-18mm f/4-5.6 £499.99
14-150mm f/4.0-5.6 ED £499.99
14-42mm f/3.5-5.6 II £249.99
40-150mm f/4.0-5.6 See Web
75-300mm f/4.8-6.7 £599.00



Visit our website - updated daily
www.ParkCameras.com/AP
 or e-mail us for sales advice using
sales@parkcameras.com



Phone one of our knowledgeable sales
 advisors Monday - Saturday (8:45am - 5:45pm)
 or Sunday (10:30am - 4:30pm)
01444 23 70 60

Panasonic LUMIX GX1

The LUMIX GX1, lets you take your photography to the next level in an interchangeable lens camera small enough to fit in your jacket pocket. With a chic style, exceptional image quality and intuitive features that help you get the perfect shot every time, the GX1 is designed to be your companion for all of life's precious moments.

- 16.0 Megapixels
- 1920 x 1080 Full-HD High Quality Video Recording
- Advanced AF System
- Easy Manual Control
- Stylish Classic Design



In stock

GX1 Body £469.00 **GX1 + 14-42mm £539.99**

SPECIAL OFFER

Panasonic DMC-G2

- ▶ 12.1 Effective Megapixels
- ▶ HD Movie (720p)
- ▶ 3.0" Free-angle LCD Screen
- ▶ My Colour Mode, Peripheral Defocus Mode & Motion Picture



Touch-screen Operation with Free-angle LCD & Creative Functions for Both Photos & Movies

In stock at only £329.99*

*Price available on mention of Amateur Photographer magazine

Panasonic DMC-GF2

Limited Number Available

- ▶ 12.1 Megapixels
- ▶ Intuitive Touch-screen Operation
- ▶ 1920 x 1080 Full HD Movie
- ▶ 3.0" LCD Screen
- ▶ 3D Shooting Compatibility



GF2 Black + 14-42mm £289.99 Add a SanDisk 8GB Ultra SDHC Card for only £12.99!

Panasonic DMC-GF3

- ▶ 13.06 Megapixels
- ▶ Small & Lightweight body
- ▶ 1920 x 1080 Full HD Movie
- ▶ 3.0" LCD Screen
- ▶ Advanced IA (Intelligent Auto) mode



GF3 + 14-42mm £359.99 **GF3 + 14mm £339.99**

FREE Adobe Lightroom 3 whilst stock lasts

Panasonic DMC-G3

- ▶ 16.0 Megapixels
- ▶ Small & Lightweight body
- ▶ 1920 x 1080 Full HD Movie
- ▶ 3.0" LCD Touch-Screen
- ▶ IA Plus for Easy Manual Adjustment



G3 + 14-42mm £449.99 **G3 Twin Lens Kit £679.98**

Panasonic DMC-GH2

- ▶ 16.05 Megapixels
- ▶ 5fps - Up to 40fps in 4MP Mode
- ▶ 1920 x 1080 50i Full-HD Movies
- ▶ 3.0" LCD Touch-Screen
- ▶ 3D Shooting Compatible



GH2 + 14-42mm £699.99 **GH2 + 14-140mm £999.99**

Lumix DMC-TZ18

Compact 14.1 Megapixel camera 24mm Wide-angle 16x Optical Zoom



Only £199.99
 SRP £289.99
TZ18 + Panasonic 4GB SD Card Only £214.98*

Lumix DMC-TZ20

Slim travel camera with 16x Optical Zoom, Full HD Movie, GPS and 3D Photo Mode



Only £229.99
 SRP £349.99
TZ20 + Panasonic 4GB SD Card Only £244.98*

Lumix DMC-FZ48

24x Optical Zoom with HD Movie recording offering Active, Creative Photo & Movie



Only £319.99
 SRP £319.99
FZ48 + Panasonic 8GB SD Card Only £339.98*

Lumix DMC-FZ150

High Quality photo & Full High Definition Movie with 24x Zoom and O.I.S



Only £389.99
 SRP £459.00
FZ150 + Panasonic 8GB SD Card Only £399.98*

Lumix DMC-LX5

Capture Creativity with the LX5 with new High Sensitivity CCD & f/2.0 LEICA lens



Only £359.99
 SRP £489.99
LX5 + Panasonic 8GB SD Card Only £379.98*

Panasonic MICRO FOUR THIRDS LENSES

- 14mm f/2.5 Wide Angle Pancake £260.00*
- 20mm f/1.7 Pancake ASPH £274.99*
- 45mm f/2.8 Macro Leica DG £569.00*
- 7-14mm f/4.0 Asp Lumix G £999.99*
- 14-140mm Lumix G Vario £649.99*
- 14-140mm Lumix G (Unboxed) £599.99
- 45-200mm f/4.0-5.6 O.I.S £242.99*

Visit us online or instore for a whole range of Panasonic accessories at low prices, including batteries & cases

SONY
 make.believe

There is a full range of Sony Digital SLR cameras, lenses and accessories to help every photographer realise their personal creative vision

SONY Alpha a65

- ▶ 24.3 Effective Megapixels
- ▶ Translucent Mirror Technology
- ▶ High Speed Capture (10fps)
- ▶ Full HD Movie
- ▶ Ultra-fast shutter lag



A65 Body Only £649.00 **A65 + 18-55mm £749.00**

SONY Alpha a77

- ▶ 24.3 Effective Megapixels
- ▶ Translucent Mirror Technology
- ▶ High Speed Capture (12fps)
- ▶ Full HD Movie
- ▶ Ultra-fast shutter lag



A77 Body Only £1,099.00 **A77 + 16-50mm £1,599.00**

SONY NEX-5N

- ▶ 16.1 Effective Megapixels
- ▶ Slim, light and compact
- ▶ High Speed Capture (10fps)
- ▶ Full HD Movie
- ▶ 3.0" Tilt-angle LCD Screen



NEX-5N Body Only £499.00 **NEX-5N + 18-55mm £499.00**

SONY NEX-C3

- ▶ 16.2 Effective Megapixels
- ▶ Stylish & simple to use
- ▶ High Speed Capture (5.5fps)
- ▶ 720p HD video
- ▶ 3D Sweep Panorama



NEX-C3 + 18-55mm £389.00 **C3 + 18-55 + 16mm £449.00**

SAMSUNG

For the latest in Digital Compact Cameras, Digital Camcorders and the latest TV technology including 3D, please visit us in-store or on-line

SAMSUNG NX11

- ▶ 14.6 Megapixel APS-C Sensor
- ▶ New Grip Design
- ▶ Interchangeable Lens System
- ▶ 3.0" AMOLED Screen
- ▶ 720p HD Video Mode
- ▶ Fast AF

Create stunning images easily with the NX11. Featuring the i-Function lens - which lets you intuitively control complex manual settings - it comes with new features like Panorama Mode and Sound Picture. You can capture everything from sweeping landscapes to the chirping of birds in the background.



NX11 Body Only £239.00 **NX11 + 18-55mm £359.00** **NX11 Twin Kit £489.00**

Visit us instore or online for even more NX11 offers

SAMSUNG NX200

- ▶ 20.3 Megapixel APS-C Sensor
- ▶ High Speed Capture (7fps)
- ▶ Wide range ISO (100 - 12800)
- ▶ 1080 30p Full HD Movie
- ▶ i-Function 2.0
- ▶ 3.0" VGA AMOLED Display

Thanks to a 20.3 megapixels APS-C CMOS Sensor, the NX200 delivers images that will satisfy even the most discerning eye. Just as importantly, the camera's innovative features and design make those images easier than ever to capture.



NX200 Body Only £429.95 **NX200 + 20-50 £519.00** **NX200 + 18-55 £499.00**

Visit us instore or online for even more NX200 offers

FUJIFILM

No matter what kind of photographer you are, Fujifilm have the right digital camera just for you. See the current range on our website, or in our state-of-the-art showroom in Burgess Hill, West Sussex.

FinePix X100



- 12.3 megapixel APS-C CMOS sensor
- 23mm fixed focal length lens (equivalent to 35mm on a 35mm camera)
- High quality solid build with classic retro two tone design

NEW LOW PRICE! Now only £789.00*
 Visit our state-of-the-art showroom to see the X100 for yourself



FinePix X10

- Newly-developed f/2.0 wide-angle and f/2.8 telephoto, bright FUJINON 4x optical manual barrel zoom lens
- Combining a bright optical viewfinder with a wide viewing-angle & a manual barrel lens

NEW LOW PRICE! Now only £425.00
 See website or call a member of our team for more information



FinePix X-Pro 1

- The X-Pro1 features a 16 MP APS-C X-Trans CMOS sensor*, a brand new X lens mount, Hybrid Multi Viewfinder & three prime lenses

NEW & DUE EARLY 2012
 See website or call a member of our team for more information

Every Week

Sign-up to our newsletter

Sign-up to our weekly newsletter to get exclusive promotions, bespoke offers and information on the latest products

PARKCameras



Visit our state of the art showroom in West Sussex, less than 15 miles from Brighton
York Road, Victoria Business Park, Burgess Hill, West Sussex, RH15 9TT

SIGMA

FIXED FOCAL LENGTH LENSES

4.5mm f/2.8 EX DC HSM (Fisheye)	£586.00
8mm f/3.5 EX DG (Fisheye)	£619.99
10mm f/2.8 EX DC HSM (Fisheye)	£489.00
15mm f/2.8 EX DG (Fisheye)	£499.99
20mm f/1.8 EX DG	£519.99
24mm f/1.8 EX DG	£449.99
28mm f/1.8 EX DG	£369.99
30mm f/1.4 EX DC HSM	£379.00
50mm f/1.4 EX DG HSM	£374.99
50mm f/2.8 EX DG Macro	£269.00
70mm f/2.8 EX DG Macro	£369.00
85mm f/1.4 EX DG HSM	£719.00
105mm f/2.8 EX DG OS HSM	£689.00
150mm f/2.8 EX DG OS HSM	£849.00
300mm f/2.8 APO EX DG HSM	£2,239.00
500mm f/4.5 APO EX DG HSM	£3,849.99
800mm f/5.6 APO EX DG HSM	£4,349.99

Sigma is a world leader in the optical field with top quality lenses available in Sigma, Canon, Nikon, Pentax, Sony and Four Thirds fits. See below to find a lens for you - at LOW PARK CAMERAS PRICES!!

WIDE ZOOM LENSES

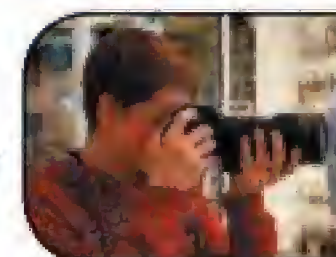
8-16mm f/4-5.6 DC HSM	£549.00
10-20mm f/4-5.6 EX DC HSM	£409.00
10-20mm f/3.5 EX DC HSM	£489.00
12-24mm f/4.5-5.6 DG HSM II	£679.00
17-50mm f/2.8 EX DC OS HSM	£549.99
17-70mm f/2.8-4 DC Macro OS	£339.99

STANDARD ZOOM LENSES

18-50mm f/2.8-4.5 DC OS HSM	£179.99
18-125mm f/3.8-5.6 DC OS HSM	£253.99
18-200mm f/3.5-6.3 DC	from £169.99
18-200mm f/3.5-6.3 DC OS HSM	£248.00
18-200mm f/3.5-6.3 DC OS HSM II	£499.99
18-250mm f/3.5-6.3 DC OS HSM	£399.00
24-70mm f/2.8 EX DG HSM	£639.00

TELEPHOTO ZOOM LENSES

50-150mm f/2.8 APO EX DC HSM II	£459.99
50-200mm f/4-5.6 DC OS HSM	£179.99



Why not take a visit to our showroom in West Sussex, bring your own DSLR, and test out a Sigma lens!

50-500mm f/5-6.3 DG OS HSM	£1,125.00
70-200mm f/2.8 EX DG OS HSM	£979.00
70-300mm f/4-5.6 DG Macro	£119.99
70-300mm f/4-5.6 APO DG Macro	£177.99
70-300mm f/4-5.6 DG OS	£299.00
120-300mm f/2.8 EX DG OS HSM	£2,079.00
120-400mm f/4.5-5.6 DG OS HSM	£674.99
150-500mm f/5-6.3 DG OS HSM	£724.99
200-500mm f/2.8 EX DG APO	£12,999.00
300-800mm f/5.6 EX DG HSM	£5,499.99

TELECONVERTERS

1.4x EX DG Teleconverter	£199.99
2x EX DG Teleconverter	£234.99



SIGMA DP2x

- ▶ SLR-sized image sensor
- ▶ Full-colour image sensor
- ▶ TRUE II image processing engine
- ▶ 24.2mm f/2.8 lens
- ▶ RAW format recording



SRP £619.99

In stock at only **£399.99!** See website for full details and further bundle offers with accessories

SIGMA SD1

- ▶ Magnesium Alloy Body
- ▶ 46 Megapixels
- ▶ TRUE II image processing engine
- ▶ Weather & Dust Resistant
- ▶ ISO 100-6,400



SRP £619.99

In stock at only **£4,999.99!** See website for full details and further bundle offers with accessories



Sigma EF-610 DG ST
Fully automatic flash photography for easy operation with a Guide Number of 53

Our Price £119.99



Sigma EF-610 DG Super
Advanced features and high performance for the latest digital and 35mm film SLRs

Our Price £199.99



Sigma EM-140 DG Macro
Multifunctional, dual tubed, macro flash designed for the latest digital SLR cameras

Our Price £319.99

Hoya Filters

Whether you're looking to protect your lens, or to create a special effect, you should consider a Hoya filter.

UV(C) Digital HMC	SHMC Pro 1-D UV	SHMC Pro 1-D Circ-Pol
£16.13	£39.66	£54.99
£17.76	£41.76	£39.99
£19.80	£44.86	£64.99
£22.97	£50.07	£79.99
£26.03	£54.99	£79.99
£45.99	£64.70	£99.99
£35.43	£71.99	£119.99

Tokina

AT-X 35mm f/2.8 Macro	£394.99	AT-X 16-28mm f/2.8 FX	£739.99
AT-X 100mm f/2.8 Macro	£399.99	AT-X 16.5-135mm f/3.5-5.6	£299.99
AT-X 10-17mm f/3.5-4.5 DX	£509.99	T-X Pro 50-135mm f/2.8	£599.99
AT-X 11-16mm f/2.8 Pro	£529.99	AT-X 80-400mm f/4.5-5.6 D	£599.99
AT-X 12-24mm f/4 II	£529.99		

See our website for money saving offers with filters

Kenko

An easy and inexpensive way to increase the abilities of your lenses without the expense of purchasing & carrying another telephoto lens

1.4x MC4 DGX	£119.99	AF 3x Pro 300 DG Conv.	£189.99
2.0x MC7 DGX	£149.99	DG Tube Set 36+20+12	£139.99
AF 2x Pro 300 DG Conv.	£199.99		

Even more Tamron Lenses

SP AF 60mm f/2.0 Di II LD [IF] Macro 1:1	£354.99
SP AF 90mm f/2.8 Di Macro 1:1	£348.99
SP AF 180mm f/3.5 Di LD [IF] Macro 1:1 (NAF)	£698.00
SP AF 10-24mm f/3.5-4.5 Di II LD Asp [IF]	£368.99
SP AF 17-50mm f/2.8 XR Di II VC LD Asp [IF]	£289.00
SP AF 28-75mm f/2.8 XR Di LD [IF] Macro	£357.99
AF 18-200mm f/3.5-6.3 XR Di II	£169.00
AF 18-270mm f/3.5-6.3 Di II VC PZD LD [IF]	£549.00
AF 28-300mm f/3.5-6.3 XR Di LD Asp [IF] Macro	£318.99
AF 28-300mm f/3.5-6.3 XR Di VC LD [IF] Macro	£459.99
SP AF 70-200mm f/2.8 Di LD [IF] Macro	£599.99
AF 70-300 f/4-5.6 Di LD Macro	£132.99
SP 70-300 f/4-5.6 Di VC USD	£339.99
SP AF 200-500mm f/5.6-6.3 Di LD [IF]	£849.99

Our Price



Authorised Tamron Super Stockist

Tamron AF 18-200mm f/3.5-6.3 XR Di II LD

Compact and cost effective high powered zoom lens

Our Price £169.00

Tamron SP-AF 70-300mm f/4-5.6 Di VC USD

Lightweight, compact, telephoto zoom lens with XLD Lens element.

Our Price £339.99

Lastolite Professional

Our Price £119.99

Lastolite Strobe Kit Direct to Flashgun



The Strobe is a compact and simple to use creative light modifying system for battery operated flashguns. The Strobe comes as a kit and is available in two versions, one which fits directly onto a flashgun and the other which includes the highly successful Ezybox Hotshoe Plate.

NEW and now in stock!

USED EQUIPMENT

Updated Daily!
Visit www.ParkCameras.com/USED

Canon EOS 50D Body

Our Price

£499.00*

*Special AP Price!



Canon TS-E 45mm f/2.8

Our Price

£759.00*

*Special AP Price!



Leica V-LUX 2

Our Price

£389.00*

*Special AP Price!



Nikon 80-400mm f/4.5-5.6 VR

Our Price

£899.00*

*Special AP Price!



Part exchange welcome

Revitalise your photographic kit by part exchanging your old equipment against the very latest photographic technology.



Visit our website - updated daily
www.ParkCameras.com/AP
 or e-mail us for sales advice using
sales@parkcameras.com



Phone one of our knowledgeable sales
 advisors Monday - Saturday (8:45am - 5:45pm)
 or Sunday (10:30am - 4:30pm)
01444 23 70 60

Manfrotto **MK293A3-A3RC1** Aluminum Tripod Kit

156.7cm 137.7cm
 44.4cm 63.4cm
 1.9kg 4kg

Our Price £69.95
 SRP £119.95



Save
£50
 off SRP

Manfrotto **055XPROB** 3-section tripod

190.5cm 154cm
 22cm 77.5cm
 3.15kg 4kg

Our Price £119.95
 SRP £159.95



Save
£40
 off SRP

Manfrotto **190CX PRO 3** Carbon Fibre tripod

146.0cm 122cm
 8cm 58cm
 1.29kg 5kg

Our Price £199.95
 SRP £299.95



Save
£100
 off SRP

MANFROTTO 055 TRIPODS
 055XDB Black £84.95
 055X PROB £119.95
 055CXPRO3 CF 3 Section £224.99
 055CXPRO4 4 CF Section £229.95

MANFROTTO 190 TRIPODS
 190X PROB Pro Aluminium £94.95
 190CXPRO3 Carbon Fibre £189.95
 190CXPRO4 Carbon Fibre £199.95

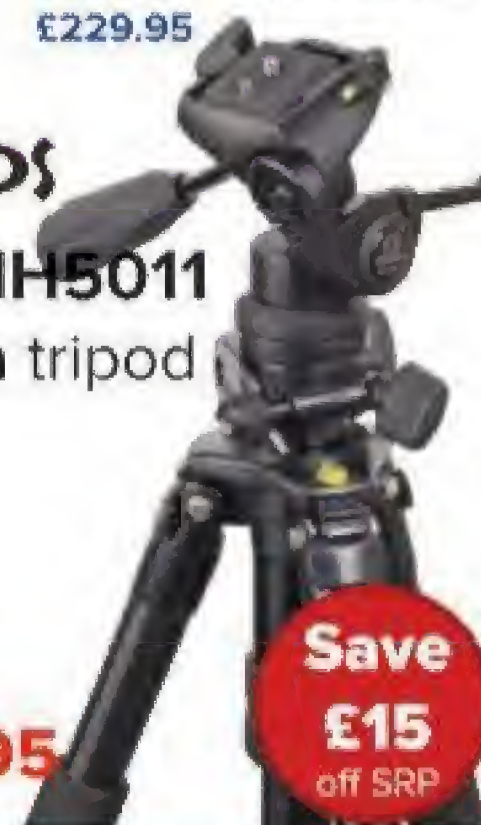
MANFROTTO HEADS
GEARED
 410 Junior Geared Head £129.95
 405 Pro Geared Head £349.95

THREE-WAY
 056 3D Junior Head £19.95
 804RC2 Basic Pan Tilt + QR £48.95
 460MG 3D Magnesium Head £59.95
 808RC4 Pro 3 Way Head £99.95

GIOTTO **GMTL9351B + MH5011** Aluminium column tripod

180cm 147cm
 30cm 71cm
 2.21kg 4kg

Our Price £119.95
 SRP £134.95



Save
£15
 off SRP

GIOTTO **Vitruvian VGRN9225** Aluminium tripod

135cm 118cm
 23.1cm 32.9cm
 1.12kg 4kg

Our Price £179.95
 SRP £220.00



Save
£40
 off SRP

GIOTTO **Vitruvian VGRN9265** Aluminium tripod

171cm 147cm
 28.6cm 40.3cm
 2.03kg 9kg

Our Price £259.95
 SRP £300.00



Save
£40
 off SRP

**FREE GIOTTOS MML3370B Monopod when
 bought with this tripod - whilst stocks last**

GIOTTOS TRIPODS KITS
 GTMTL9351B + MH5011 £119.95
 GTMTL9361B + MH5001 £129.95
 Vitruvian VGRN9225+MH5310 £179.95
 Vitruvian VGRN8225+MH5310 £299.00

ALUMINUM TRIPODS
 MTL9251B 3 Section £79.95
 MTL9351B 3 Section £84.95
 MTL9271B 3 Section £103.95
 MTL8251B 3 Section £169.95

CARBON FIBRE TRIPODS
 MTL8351B 3 Section £178.95
 MTL8350B 4 Section £188.95
 MTL8360B 4 Section £199.95
 MTL8361B 3 Section £179.95

TRIPOD HEADS
 MH5011 3-Way Head £39.95
 MH7002-652 Ball/Socket Head £41.95
 MH1312-652 Series II Ball Head £71.99
 MH1311-652 Series II Ball Head £79.99

SLIK **Pro 723AF C/Fibre** with AF1100 head & case

166.2cm
 20.5cm 57.1cm
 1.44kg 5kg

Our Price £194.40
 SRP £494.40



Save
£300
 off SRP

Velbon **RUP-V40** Aluminium Monopod

169cm
 52cm
 470kg

Our Price £39.99
 SRP £48.40



Save
£8
 off SRP

GITZO **GT2540LLVL Leveller** Ideal for fluid heads

172cm 151cm
 16cm 61cm
 1.66kg 12kg

Our Price £499.00*
 SRP £694.95
 *Special AP Price!



Save
£195
 off SRP

Can't see what you are after??

Visit us online or instore at our state-of-the-art showroom and see the full range of tripods, monopods and accessories which you can test out on your own equipment in our store.



wex

photographic
warehouse express

Voted Best Online Retailer 2002-2011
and Best Specialist Retailer 2010-2011

PROFESSIONAL Dealer



Nikon 1: J1 From **£429**

J1 + 10-30mm **£429**
J1 + 10mm **£479**
J1 + 10-30mm + 30-110mm **£549**

Be the first customer to review this Camera and you could win a £50 Wex Photographic voucher in our monthly prize draw. T&C's apply. Visit www.wex.co.uk to review



Nikon 1: V1 From **£659**

V1 + 10-30mm **£659**
V1 + 10mm **£725**
V1 + 10-30mm + 30-110mm **£785**

CUSTOMER REVIEW: Nikon V1 + 10-30mm + 30-110mm
★★★★★ 'All in all this is a great little camera' *Earlgrivv - Walsall*



D5100 From **£529**

D5100 Body RRP £669.99 **£529**
D5100 + 18-55mm f3.5-5.6 G AF-S DX VR RRP £779.99 **£615**
D5100 + 18-55mm VR + 55-200mm **£801.99**

CUSTOMER REVIEW: D5100 + 18-55mm VR
★★★★★ 'Ideal for holidays', 'versatile' *Lionheart - Surrey*



D300s From **£1029**

D300s Body RRP £1499.99 **£1029**

CUSTOMER REVIEW: D300s + 16-85mm VR
★★★★★ 'The perfect combo for a Prosumer' *Robin - Bristol*

Nikon D4

- FX Format CMOS Sensor
- 11 Frames per second
- Broadcast quality 1080p Recording
- ISO 50-204,800

D4 Body PRE-ORDER **£4799**

D4 RECOMMENDED ACCESSORIES:



NEW! D4 Body

PRE-ORDER **£4799**



D3x From **£5039**

D3x Body **£5039**

CUSTOMER REVIEW: D3x Body
★★★★★ 'As good as it gets' *PeterLinggreat - Kent*

Nikon Capture NX2 **£132.99**
Nikon Capture NX2 Upgrade (Capture NX required) **£81.99**

SONY



NEX-5N Body **£459**

NEX-5N + 18-55mm **£509**
NEX-5N + 16mm + 18-55mm **£599**
NEX-5N + 18-55mm + 55-210mm **£749**



NEW! NEX-7 Body (Black) **£995**
NEW! NEX-7 + 18-55mm (Black) **£1125**



A77 DSLT From **£1049**

A77 Body **£1049**
A77 + 16-50mm RRP **£1499**

Panasonic



G3 From **£429.90**

G3 Body (Black) **£429.90**
G3 + 14-42mm **£479.99**
G3 + 14-42mm + 45-200mm **£699.95**



GF2 From **£439**

GF2 + 14-42mm f3.5-5.6 **£439**
GF2 + 14mm f2.5 ASPH **£449**
GF2 + 14mm f2.5 + 14-42mm (Black) **£549**



GH2 + 14-42mm **£709**

GH2 + 14-42mm **£709**
G SERIES RECOMMENDED ACCESSORY: Panasonic DMW-MA1 Four Thirds Lens Mount Adaptor **£130.99**

OLYMPUS



E-P3 Body **£599**

E-P3 + 14-42mm f3.5-5.6 ED **£695**
E-P3 + 17mm f2.8 Pancake **£689**
E-P3 + 14-42mm f3.5-5.6 ED + 40-150mm f4.0-5.6 ED **£849**
E-P3 + 14-150mm f4.0-5.6 ED **£939**

E-PM1 + 14-42mm II **£369**
E-PM1 + 14-42mm II + 40-150mm **£519**

RECOMMENDED ACCESSORY
VF-3 Silver External Electronic Viewfinder **£179.99**



E-5 Body **£1338**

OLYMPUS LENSES:
Olympus 35mm f3.5 Macro (Digital Four Thirds) **£209.99**
Olympus 40-150mm f4.5-5.6 ED (Micro Four Thirds) **£245.99**
Olympus 14-150mm f4.0-5.6 ED (Micro Four Thirds) **£499.99**
Olympus 75-300mm f4.8-6.7 (Micro Four Thirds) **£659**

SIGMA



SD15 Body **£584.99**

SD15 RECOMMENDED ACCESSORIES:
Sigma CR21 Cable Release **£24.99**
Sigma RS31 Remote Control **£24.99**
SanDisk RGB Extreme Pro 95MB/Sec SDHC Card **£44.99**
Sigma PG-21 Power Grip **£169.99**
Sigma EF 610 DG Super **£209.99**
NEW! SD1 Body **£5499**

PENTAX



K-5 From **£719**

K-5 Body **£719**
K-5 + 18-55mm **£749**
K-5 + 18-55mm + 50-200mm **£899**
K-5 + 18-135mm **£1079**
Pentax K-r K-r + 18-55mm **£419**



X-Pro1 **£1429**

- Hybrid Optical/Electronic Viewfinder optimizes magnification according to the mounted lens
- APS-C 16M "X-Trans CMOS" Sensor tackles moiré at its root cause by enhancing the randomness of the colour filter array arrangement.

X-Pro 1 PRE-ORDER **£1429**

01603 208761
 advice line: 01603 208302
 call us **Mon-Fri 8am-7pm**
 or visit our website at www.wex.co.uk

Canon EOS 1100D **EOS 600D**

12.2 megapixels
3.0 fps
720p movie mode

18.0 megapixels
3.7 fps
1080p movie mode

SAVE UP TO £114 ON RRP

1100D Body RRP £419 **£309**
 1100D + 18-55mm f3.5-5.6 IS II RRP £499 **£385**

600D Body **£549**
 600D + 18-55mm II f3.5-5.6 IS II **£609**
 600D + 18-135mm f3.5-5.6 IS **£769**
 600D + 18-55mm II + 55-250mm f4.0-5.6 IS II **£819**

1100D Body £309 | 600D Body £549

CUSTOMER REVIEW: 1100D + 18-55mm II
 ★★★★★ 'Great for a novice looking to improve'
 Liz - South West

CUSTOMER REVIEW: 600D + 18-135mm IS
 ★★★★★ 'An excellent product'
 Willeljon - Suffolk

Canon EOS 550D **AS SEEN ON TV**

18.0 megapixels
3.7 fps
1080p movie mode

SAVE UP TO £431 ON RRP

550D From £495

550D Body RRP £799.99 **£495**
 550D + 18-55mm f3.5-5.6 IS RRP £899.99 **£559**
 550D + 18-135mm f3.5-5.6 IS RRP £1099.99 **£729**
 550D + 18-55mm f3.5-5.6 IS + 55-250mm f4.0-5.6 IS RRP £1199.99 **£768.95**

CUSTOMER REVIEW: 550D + 18-55mm IS
 ★★★★★ 'Amazing video image'
 Rob - Norwich

Canon EOS 60D

18.0 megapixels
5.3 fps
1080p movie mode

SAVE UP TO £410 ON RRP

60D From £799

60D Body RRP £1049.99 **£799**
 60D + 18-55mm f3.5-5.6 IS II RRP £1149.99 **£889**
 60D + 18-135mm f3.5-5.6 IS RRP £1299.99 **£995**
 60D + 17-85mm f4.0-5.6 IS USM RRP £1349.99 **£1029**
 60D + 17-55mm f2.8 IS USM RRP £1949.99 **£1539**

CUSTOMER REVIEW: 60D Body
 ★★★★★ 'Wow, an amazing camera'
 Adrian - UK

Canon EOS 7D

18.0 megapixels
8.0 fps
1080p movie mode

SAVE UP TO £843 ON RRP

7D Body £1095

7D + 18-135mm f3.5-5.6 IS RRP £1999.99 **£1299**
 7D + 15-85mm f3.5-5.6 IS USM RRP £2399.99 **£1556**
 7D + 70-300mm L IS USM RRP £2899.99 **£2220**

CUSTOMER REVIEW: 7D + 15-85mm
 ★★★★★ 'Probably the best APS-C DSLR around'
 Shuggie - Scotland

Canon EOS 5D Mark II

• Live View Mode • 9 point AF with 6 extra hidden AF points
 • 3" LCD Screen • ISO 6400 (exp. to 25,600)

5D Mark II Body RRP £2299.99 **£1521**
 5D Mark II + 24-105mm f4L IS USM RRP £3199.99 **£2293.99**
 5D Mark II + 24-70mm f2.8L USM **£2515**

5D Mark II RECOMMENDED ACCESSORIES:
 Canon RS-80N3 £39.95
 Canon LP-E6 Battery £69.95
 Canon BG-E6 Battery Grip £219.95
 Canon EF 50mm f1.2 L USM Lens £1268

5D Mark II Body RRP £2299.99 ONLY £1521

★★★★★ CUSTOMER PRODUCT REVIEWS ★★★★★
 There are currently over 7000 product reviews on our site - visit us today to read what our customers think of the products we sell!

CUSTOMER REVIEW: 5D Mark II + 24-105mm f4L IS USM
 ★★★★★ 'Awesome IQ and ISO Performance'
 JDMatKillingdon - Croydon

Canon 1D Mark IV **Canon 1D X** **NEW!**

16.1 megapixels
10.0 fps
1080p movie mode

SAVE £1301 ON RRP

18.1 megapixels
12.0 fps
full frame CMOS sensor

1D Mk IV From £3498 **NEW! 1D X From £5299**

1D Mark IV Body RRP £4799.99 **£3498**
NEW! 1D X Body Pre-Order Now! £5299

CUSTOMER REVIEW: 1D Mark IV Body
 ★★★★★ 'Stunning camera'
 Zurg - South Wales

Memory Cards



SanDisk Extreme Pro:
 95MB/s SDHC
 8GB £44.99
 16GB £79.99
 32GB £119.95
 64GB £239.95

SanDisk Extreme:
 400x UDMA C/Flash
 8GB £49
 16GB £79
 32GB £149

SanDisk Extreme Pro:
 600x UDMA C/Flash
 16GB £129
 32GB £229
 64GB £399.99

Eye-Fi Card with Adapter
 4GB £42
 8GB £63

SanDisk ImageMate USB 3.0 12-in-1 Multi-Card Reader
 White £29.95



NEW! Sony XQD™ Memory Card:
 125MB/s XQD
 16GB PRE-ORDER £145
 32GB PRE-ORDER £229

NEW! Sony XQD™ Readers:
 XQD Card USB 2.0/3.0 Reader PRE-ORDER £79
 XQD Express Card Adapter PRE-ORDER £79



Lexar Professional:
 133x SDHC
 8GB £34.99
 16GB £54.99
 32GB £99.99

400x UDMA C/Flash
 8GB £49
 16GB £79
 32GB £139

600x UDMA C/Flash
 8GB £69
 16GB £129
 32GB £239

NEW! Lexar Pro Reader
 A Dual-Slot USB 3.0 Reader with a USB interface speed file transfer up to 500MB/s. (Backwards compatible). £38

Latest CASHBACKS*

Scan this code via a Reader App on your smart phone

Or visit <http://bit.ly/kBRQOI>

Flashguns & Macroflash

Canon Speedlites: 580EX II £379, 320EX £195, 270EX II £139, MR-14EX £459, MT-24EX £749

Macroflites: 15 MS-1 £295.99

Nikon Speedlights: SB400 £124.99, SB700 £239, SB910 £417

Klits: R1 £417.99, R1C1 £599.99

SONY Flashguns: HVL-FS8AM £399, HVL-F43AM £241.99

OLYMPUS Flashguns: FL-50R £379.99, FL-36R £209.99

Ringflash: DRF14 £119

Flashguns: 24 AF-1 £54.95, 44 AF-1 £129, 50 AF-1 £180, 58 AF-2 £285

Macro flash: 15 MS-1 £295.99

SIGMA Flashguns: EF 610 DG ST £129.99, EF 610 DG Super £209.99

EM-140 DG Macro Flash From £299.99

Nissin Flashguns: Di466 £81.99, Di622 II £119.99, Di866 £199

SUNPAK Flashguns: PZ42X £119.99, PF30X £81.99

Ringflash: 16R Pro £337.99

STO-FEN Choose from three colours: White: Diffused bare-bulb effect, Green: Ideal for fluorescent tube lit shots, Gold: warming skin tones and for overall warming of the shot. Omni-Bounce From **£17.99**

SCO Strobist Filter Collection **£8.99**

Westcott Micro Apollo £24.99, Collapsible Umbrella Flash Kit **£65**

Rogue FlashBender From **£23.99**

Speedlite Accessory kit **£50**

7-in-1 110cm Reflector **£29.99**

Mini Umbrella Flash Kit **£30.99**

Flash Diffusers: Softbox £30.99, Softbox III £43.99, Pop Up £13.99

Traveller8 Softbox **£54**

PortABox From **£22.99**

Folding Softbox From **£61.99**

Lastolite Ezybox Softbox **£44.99**, Ezybox Hotshoe From **£70**

TriFlash Kit From **£74.99**

Off Camera flash Cord From **£30.99**

Tilthead **£17.99**

Terms and Conditions
 All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery** available on orders over £150 (based on a 4 day delivery service). For Next Working Day Delivery our charges are: £4.99** for orders over £100, £9.99** for orders under £100. Saturday deliveries are charged at a flat rate of £7.50**.* (** Deliveries to some European countries, Northern Ireland, remote areas of Scotland & Channel Isles are subject to extra charges.) E. & O.E. Prices subject to change. Goods subject to availability. Live Chat operates between 8am-7pm Mon-Fri and may not be available during peak periods. ©Warehouse Express 2012

***CASHBACKS** Are redeemed via product registration with the manufacturer. Please refer to our website for details.

wex showroom - visit us today
 • Touch, Try and Buy latest Cameras & Accessories
 • Over 13,000 products to choose from
 • Award winning specialists!
 Mon & Wed-Sat 10am-6pm, Tues 10am-5pm, Sun 10am-4pm.
 Unit 8, Frenbury Estate, Norwich. NR6 5DP.



wex

photographic
warehouse express

Voted Best Online Retailer 2002-2011
and Best Specialist Retailer 2010-2011

Digital SLR Lenses

Canon

SAVE
£40
on RRP

50mm f1.8 II
RRP £129.99
£88.95



EF 8-15mm
f4.0 L USM
Fisheye
£1149



EF 70-300mm
f4.0-5.6 L
IS USM
£1159



EF 300mm
f2.8 L IS
USM II
£5498



85mm
f1.4 G
AF-S
£1248



24-120mm
f4 G ED
AF-S VR
£828.95



28-300mm
f3.5-5.6 G ED
AF-S VR
£694.90



55-300mm
f4.5-5.6 G
AF-S DX VR
£294.99

CANON LENSES

EF 24mm f1.4 L II USM	£1323
EF 24mm f2.8	£369
TS-E 24mm f3.5 L II	£1699.90
EF 28mm f1.8 USM	£388.99
EF 28mm f2.8 USM	£163.99
EF 35mm f1.4 L USM	£1158.99
EF 35mm f2.0	£217.90
TS-E 45mm f2.8	£1118.95
EF 50mm f1.2 L USM	£1268
EF 50mm f1.4 USM	£285
EF 50mm f1.8 II	£88.95
EF-S 60mm f2.8 USM Macro	£369
MP-E 65mm f2.8 1-Sx Macro	£844
EF 85mm f1.2 L II USM	£1699
EF 85mm f1.8 USM	£306.90
TS-E 90mm f2.8	£1118.95
EF 100mm f2.8 USM Macro	£429
EF 100mm f2.8 L IS USM Macro	£709
EF 135mm f2.0 L USM	£899
EF 180mm f3.5 L USM Macro	£1249.99
EF 200mm f2.8 L USM II	£619
EF 300mm f2.8 L IS USM II	£5498
EF 300mm f4.0 L IS USM	£1143.95
EF 400mm f2.8 L IS USM II	£8868.90
EF 400mm f5.6 L USM	£1089.90
EF 500mm f4.0 L IS USM II	£8489
EF 600mm f4.0 L IS USM II	£10099
EF 800mm f5.6 L IS USM	£9794
EF 8-15mm f4.0 L USM Fisheye	£1149
EF-S 10-22mm f3.5-4.5 USM	£639
EF-S 15-85mm f3.5-5.6 IS USM	£599
EF 16-35mm f2.8 L USM II	£1149
EF 17-40mm f4.0 L USM	£613
EF-S 17-55mm f2.8 IS USM	£769
EF-S 17-85mm f4.0-5.6 IS USM	£369
EF-S 18-55mm f3.5-5.6 IS II	£159
EF-S 18-135mm f3.5-5.6 IS	£342
EF-S 18-200mm f3.5-5.6 IS	£414.95
EF 24-70mm f2.8 L USM	£995

NIKON LENSES

10.5mm f2.8 G IF-ED AF DX Fisheye	£523.89
14mm f2.8 D AF ED	£1214.90
16mm f2.8 D AF Fisheye	£597.99
20mm f2.8 D AF	£465
24mm f1.4 G AF-S ED	£1599
24mm f2.8 D AF	£332
24mm f3.5 D ED PC-E	£1384.90
28mm f2.8 D AF	£220.89
35mm f1.8 G AF-S DX	£160.95
35mm f2.0 D AF	£254.89
45mm f2.8 D PC-E ED Micro	£1393.99
50mm f1.4 G AF-S	£293.95
50mm f1.4 D AF	£232.99
50mm f1.8 D AF	£106
50mm f1.8 G AF-S	£179
60mm f2.8 G AF-S ED Micro	£397.99
85mm f1.4 G AF-S	£1248
85mm f1.4 D AF	£897.89
85mm f1.8 D AF	£304.89
85mm f2.8 D PC-E Micros	£1357.99
85mm f3.5 G ED AF-S VR DX Micro	£414.99
105mm f2.8 G AF-S VR IF ED Micro	£610
135mm f2.0 D AF DC	£964.95
180mm f2.8 D AF IF-ED	£627.99
200mm f2.0 G ED AF-S VR IF	£3128.90
200mm f4.0 AF Micro	£1123.89

300mm f2.8 G ED VR II AF-S	£4056.99
300mm f4.0 D AF-S IF ED	£974.99
400mm f2.8 G ED VR AF-S	£6647
500mm f4.0 ED VR AF-S	£5867.89
600mm f4.0 ED VR AF-S	£7070
10-24mm f3.5-4.5 G AF-S DX	£664.90
12-24mm f4.0 G ED AF-S IF DX	£808.89
14-24mm f2.8 G ED AF-S	£1316.90
16-35mm f4.0 G ED AF-S VR	£848.99
16-85mm f3.5-5.6 G ED AF-S DX VR	£419.95
17-55mm f2.8 G ED DX AF-S IF	£1064.89
18-35mm f3.5-4.5 D IF ED AF	£499
18-55mm f3.5-5.6 G ED AF-S DX II	£123.99
18-55mm f3.5-5.6 G AF-S DX VR	£146.50
18-105mm f3.5-5.6 G ED AF-S DX VR	£229
18-200mm f3.5-5.6 G ED AF-S DX VR II	£589
24-70mm f2.8 G ED AF-S	£1218.99
24-85mm f2.8-4.0 D AF	£514.90
24-120mm f4.0 G ED AF-S VR	£828.95
28-300mm f3.5-5.6 G ED AF-S VR	£694.90
55-200mm f4.5-5.6 G ED AF-S DX VR IF	£242.89
55-200mm f4.5-5.6 G AF-S DX	£187.89
55-300mm f4.5-5.6 G AF-S DX VR	£294.99
70-200mm f2.8 G ED AF-S VR II	£1599.95
70-300mm f4.5-5.6 G ED AF-S IF VR	£429
80-400mm f4.5-5.6 D AF VR	£1183.90
200-400mm f4.0 G ED AF-S IF VR	£4773.99
200-400mm f4.0 G ED AF-S VR II	£4988

SIGMA LENSES

30mm f1.4 EX DC	£379
50mm f2.8 EX DG Macro	£269
50mm f1.4 EX DG HSM	£369
70mm f2.8 EX DG Macro	£369
85mm f1.4 EX DG HSM	£729
105mm f2.8 EX DG Macro	£329
150mm f2.8 EX DG OS HSM Macro	£999.99
300mm f2.8 EX DG	£2197
500mm f4.5 EX DG	£3774
800mm f5.6 APO EX DG HSM	£4319

8-16mm f4.5-5.6 DC HSM	£549
10-20mm f4.0-5.6 EX DC HSM	£429
10-20mm f3.5 EX DC HSM	£489
NEW! 12-24mm f4.5-5.6 EX DG HSM II	£679
17-70mm f2.8-4.0 DC Macro OS HSM	£349.99
18-50mm f2.8-4.5 DC OS HSM	£177
18-125mm f3.8-5.6 DC OS HSM	£253.99
18-200mm f3.5-6.3 DC	£174.99
18-250mm f3.5-6.3 DC OS HSM	£399
24-70mm f2.8 IF EX DG HSM	£639
50-200mm f4.0-5.6 DC OS HSM	£176
50-500mm f4.5-6.3 DG OS HSM	£1269
70-200mm f2.8 EX DG OS HSM	£979
70-300mm f4.0-5.6 APO Macro Super DG	£177.99
70-300mm f4.0-5.6 DL Macro Super DG	£126.99
70-300mm f4.0-5.6 DG OS	£298.99
120-400mm f4.5-5.6 APO DG OS HSM	£759
150-500mm f5.0-6.3 DG OS HSM	£849
200-500mm f2.8 EX DG	£1269.99
300-800mm f5.6 EX DG APO HSM	£5498
1.4x EX DG APO Tele Converter	£199
2x EX DG APO Tele Converter	£232.99

TAMRON LENSES

with 5 Year Warranty

60mm f2.0 Di II LD SP AF IF Macro	£354.99
180mm f3.5 Di SP AF Macro	£698
10-24mm f3.5-4.5 Di II LD SP AF ASP IF	£364.95
17-50mm f2.8 XR Di II VC	£344.89
18-200mm f3.5-6.3 AF XR Di II	£169
18-270mm f3.5-6.3 Di II VC PZD	£479
28-75mm f2.8 XR Di	£357.99
70-300mm f4.5-5.6 SP Di VC USD	£338.99

For more Lenses and Accessories from
Canon, Nikon, Sigma, Sony, Olympus,
Pentax, Samsung, Panasonic, Leica
and Tamron visit our website at
www.wex.co.uk

Digital Compact Cameras

Digital Compact Batteries, Cases and Accessories are available on our website

Canon

NEW!



NEW! PowerShot G1 X Pre-order £699

14.3
megapixels
4.5 fps
1080p
movie mode



SAVE
£90
ON RRP
PowerShot SX40 HS
RRP £459 £369

12.0
megapixels
35x
optical zoom
1080p
movie mode



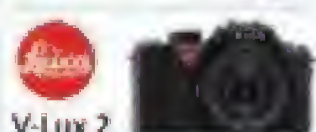
PowerShot S100
RRP £439 From £389

IXUS 115 HS Silver, Blue, Grey or Pink	£129.95
IXUS 220 HS Red, Silver or Black	£149
IXUS 230 HS Pink, Purple, Green, Blue, Silver or Black	£189.95
NEW! IXUS 125 HS Pink, Red, Blue, Silver or Green	£229
IXUS 310 HS Pink, Brown, Silver or Gold	£229
IXUS 1100 HS Red, Silver or Black	£304
NEW! IXUS 500 HS Silver, Red, Blue or Black	£309
PowerShot A3200 IS Silver, Pink, Orange or Aqua	RRP £129 £99
PowerShot SX150 IS Red, Silver or Black	£164
PowerShot SX220 HS Purple or Grey	£199
PowerShot D10 Underwater Camera	£219
PowerShot G12	£399

PENTAX

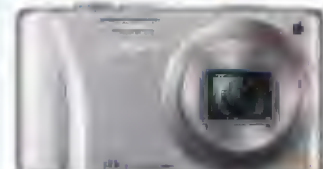


Optio WG-1 Purple or Black £194.95
Optio WG-1 GPS Grey, Orange or Green £215



D-Lux 5 £579
V-Lux 30 £535

Panasonic



Lumix TZ20 Red, Blue, Silver or Black £234

16x
optical zoom



Lumix FZ45
RRP £379.99 £239

24x
optical zoom



Lumix LX5
£359.95

10.1
megapixels

LUMIX FS35 Purple, Blue, Red, Black or Silver	£119
LUMIX FX70 Black	£134
LUMIX FP3 Blue or Grey	£148.95
LUMIX FT10 Red or Black	£149
LUMIX Y28 Black	£164
LUMIX TZ20 Silver, Blue, Red or Black	£234
LUMIX FT3 Red or Blue	£264
LUMIX FZ100 Black	RRP £479 £349
LUMIX FZ150 Black	£399.95

OLYMPUS



XZ-1 White or Black
£269 Inc Cashback* £309

NEW! VG-170 Red or White, Black	£99
NEW! VR-340 Red or Purple, Black	£129
NEW! SP-620 UZ Silver or Black	£179
NEW! SH-21 Red or Gold, Black	£189
NEW! SZ-14 Red or Silver, Black	£199
NEW! SP-810 UZ Silver or Black	£189
NEW! SP-720 UZ Silver or Black	£229
Tough Model Waterproof/Shockproof/Freezeproof!	
NEW! TG-320 Blue or Red	£139



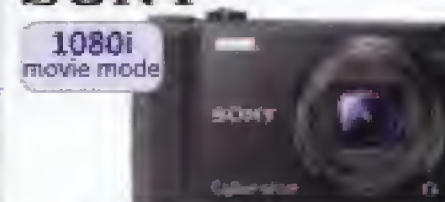
SAVE
£105
ON RRP
Coolpix P7100
RRP £499.99 £394



AS SEEN ON TV
Coolpix S3100 Blue, Silver, Yellow, Purple, Pink, Red or Black £78

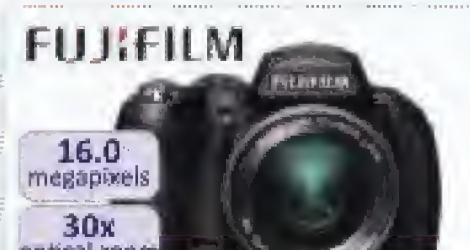
Coolpix S6200 Pink, Red or Black	£134
Coolpix P300 Black	RRP £299.99 £198
Coolpix S8200 White, Red, Silver or Black	RRP £249.99 £199.95
Coolpix AW100 Black, Orange or Camouflage	RRP £299.99 £209
Coolpix P500 Black	RRP £349.99 £219
Coolpix S1200pj Pink or Black	RRP £399.99 £319.95

SONY



Cyber-Shot HX7V Black £209

NEW! W610 Black, Green, Silver, Blue or Pink	£99
NEW! W630 Black, Silver, Violet or Pink	£139
H70 Black, Blue or Silver	£179
TX10 Black	£264
HX9V Black	£269
HX100V Black	£349



16.0
megapixels
30x
optical zoom
Finepix H520 EXR £259



SAVE
£234
ON RRP
Finepix X100
RRP £999.99 ONLY £765

NEW! FinePix Z1000 EXR Green, Purple or White	£249
NEW! FinePix F660 EXR Blue, Red, Black or White	£249
NEW! FinePix SL300 Black	£299
NEW! FinePix F770 EXR Black, Red, Blue or White	£329
NEW! FinePix HS30 EXR Black	£469
FinePix X10 Black	RRP £529.99 £424
NEW! FinePix X-S1 EXR	£699

FREE DELIVERY ON ORDERS OVER £150**

**Based on a 4 day delivery service, UK only.

01603 208761
 advice line: 01603 208302
call us Mon-Fri 8am-7pm
 or visit our website at www.wex.co.uk

Photo Bags & Rucksacks

Lowepro
Pro Runner 450 AW Black

Pro Runner:	From £59
200 AW	£79
300 AW	£109
450 AW	£129
x350 AW	£179
x450 AW	£209.95

Lowepro
Fastpack 250 Black

Fastpack:	From £46.95
Red, Arctic Blue or Black	£54.95
100	£64.95
200	£74.95
250	
350	

tamrac
Rally 4

Rally:	From £29
Brown/Tan, Black/Red or Black	£34
2	£39
4	
6	
Brown/Tan or Black	
5	From £43.99
7	£59

Adventure
9 Grey

Adventure:	From £48
6 Grey or Red	From £58.95
7 Grey or Red	From £58.95
9 Grey or Red	From £99.95

Ultra Pro
13 Black

Pro:	£74
8	£99.95
12	£119
Ultra 11	£129
Ultra 13	

KATA
3N1 Sling Backpack

11	£99
22	£114
33	£134

Manfrotto
Imagine More

Stile Veloce Backpack:	White, Brown or Black	£89.95
V		£99
Stile Unica Messenger Bag:	White, Brown or Black	£69.95
V		£84
VII		

Billingham
Hadley Pro Original Canvas Khaki/Tan

Hadley: Canvas/Leather:	Khaki/Tan, Black/Tan, Black/Black, FibreNyte/Leather: Khaki/Tan, Sage/Tan, Black/Black.	£99.95
Digital		£119.95
Small		£139.95
Large		£159.95
Pro Original		

335
FibreNyte Khaki/Tan

5 Series: Khaki/Tan, Black/Tan, Black/Black, FibreNyte/Leather: Khaki/Tan, Sage/Tan, Black/Black.	£239.95
335	£274.95
225	
445 Black/Tan, Khaki/Tan, Black/Black, Sage FibreNyte/Tan	£269.95
555 Black/Tan, Khaki/Tan, Black/Black.	£299.95

You'll find our latest deals, seminars and competitions on wex.co.uk plus

- live chat
- product reviews
- news & guides
- 13,000+ products

Or visit the wex showroom

Monday 10am-6pm
 Tuesday 10am-5pm
 Wednesday 10am-6pm
 Saturday 10am-4pm
 Sunday 10am-4pm

Frenbury Estate, Drayton High Road, Norwich, NR6 5DP.



For latest Printers, Inks & Camcorders visit us at www.wex.co.uk

Tripods & Heads

Manfrotto
Imagine More

234 Monopod Tilt Head £15.95

Manfrotto
Imagine More

804RC2 3-Way Head £48.95

Manfrotto
Imagine More

701HDV Pro Fluid Video Head £99.95

Manfrotto
Imagine More

055XPROB • 178.5cm Max Height • 10cm Min Height

055 Series:	£114.95
055XDB	£125
055XB	£104.95
055XPROB	£154
055XV	£269
055CX3	£289
055CXV3	

Manfrotto
Imagine More

190CXPRO4 • 146cm Max Height • 8cm Min Height

190 Series:	£89
190XDB	£104.95
190XB	£89.95
190XPROB	£219
190CX3	£259
190CXV3	

Gitzo
Systematic

GT3530LS Systematic Carbon Fibre Tripod £539.95

Joby
Gorillapods from only £14.95 - See our website for details!

VGRN9265 • 171cm Max Height • 28.6cm Min Height	£219
VGRN9255 Tripod + MH5400-652 Ball Head	£274.95
VGRN9265 Tripod + MH5501-652 Ball Head	£329
VGRN8225 Tripod + MH5400-652 Ball Head	£374.95
VGRN8265 Tripod + MH5501-652 Ball Head	

Manfrotto
Imagine More

MTL8361B • 161cm Max Height • 26.2cm Min Height

MTL Adjustable Series:	£84.95
9351B + MH5011 Head	£114.95
9361B + MH5001 Head	£179
8351B	

GIOTTO

MTL8350B Tripod • 146cm Max Height • 21cm Min Height

8350B	£178.95
8361B	£164
8360B	£199
8271B	£299

Computing & Software

Apple
Authorised Reseller

iPod Touch 4G From £169

Apple
Authorised Reseller

iPod Nano 6G From £119

Apple
Authorised Reseller

Time Capsule 2TB £229

Apple
Authorised Reseller

Time Capsule 3TB £369

Apple
Authorised Reseller

Apple TV Only £96.99

Apple
Authorised Reseller

Apple Remote £15.99

Apple
Authorised Reseller

Mac Mini From £509

Apple
Authorised Reseller

iMac From £959

Apple
Authorised Reseller

MacBook Pro From £949

i1
Display Pro

i1 Display Pro £154.99

Adobe
Photoshop Elements 10.0 £74

ColorMunki
Display £118

Spyder4
Express £89

Spyder4
Pro £119

Studio Lighting & Accessories

Over 2140 Studio Lighting products available to buy - See our website for details!

BOWENS
Gemini Series Kits:
Flash Heads, 2x Reflectors, 2x Umbrellas, 2x Light Stands, 2x Power Leads, Sync Lead and Kit Bag.

200/200 Twin Head	£428
200/400 Twin Head	£499
400/400 Twin Head	£519
400/400 + Travelpak	£899

BOWENS
Gemini R Series Kits:
Flash Heads, 2x Stands, 1x 60x80cm Softbox, 1x 90cm Umbrella, 1x Wide Reflector, 2x Mains Leads, Sync Cord and Deluxe Case

500/500R Twin Head	£899
500/500R + Travelpak	£1149
500/500R 3 Head	£1377.99

BOWENS
Gemini Pro Series Kits:
Flash Heads, 2x Stands, Silver/White Umbrella, Wide Angle Reflector, 60x80cm Softbox, Leads, Cables, Modelling Lamps and Case.

750Pro Twin Head	£1329
750Pro + Travelpak	£1699
750Pro 3 Head	£1949
1000Pro Twin Head	£1499
1000Pro + Travelpak	£1999
1500Pro Twin Head	£1870
1500Pro + Travelpak	£2299

Pulsar
Radio Trigger Twin Pack £219.99

Pulsar
Plug-In Trigger Card From £75.99

elinchrom
D-Lite it Series Kits:
D-Lite it heads, 2x Stands, 2x 60x60cm Softboxes, 1x 16cm Reflector, 2x Carry Cases, 1x Skyport Transmitter, Leads, Cables and User Guide.

2 Twin Head	£489
2/4 Twin Head	£468.99
4 Twin Head	£549

elinchrom
BXRI Series Kits:
BXRI Heads, 2x Portable Softboxes, 2x ClipLock Stands, 1x Skyport Transmitter, 2x Mains Leads, Head Case and Stand Bag.

250/250 Twin Head	£754.99
250/500 Twin Head	£829
500/500 Twin Head	£889

elinchrom
Skyport Universal Trigger Set £99.99

Prolinca
IR Transmitter £64.99

Style RX
Style RX Series Kits:
Style RX Heads, 2x 16cm Reflectors, 2x ClipLock Stands, 2x Translucent/Silver Umbrellas, 2x Carry Cases, Leads, Cables and User Guide.

RX600 Twin Head	£1199
RX1200 Twin Head	£1649.99

Ranger
Quadra RX Set A £1549

90° Reflector £21.99

60° Reflector Kit £41.99

Snoot & Grid Set £41.99

83cm Umbrella £24.99

Portalite 66x66cm Softbox £99.99

Lightmeters

Sekonic L-308s	£139
L358	£229.99
DigiPro F	£159.99

Paper

Colorama	From
1.35x11m	£34.99
1.72x11m	£43.99
2.72x11m	£53.99

Terms and Conditions
 All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery** available on orders over £150 (based on a 4 day delivery service). For Next Working Day Delivery our charges are: £4.99** for orders over £100, £3.99** for orders under £100. Saturday deliveries are charged at a flat rate of £7.50***. (**Deliveries to some European countries, Northern Ireland, remote areas of Scotland & Channel Isles are subject to extra charges.) E. & O.E. Prices subject to change. Goods subject to availability. Live Chat operates between 8am-7pm Mon-Fri and may not be available during peak periods. ©Warehouse Express 2012.

CASHBACKS Are redeemed via product registration with the manufacturer. Please refer to our website for details

wex showroom - visit us today

- Touch, Try and Buy latest Cameras & Accessories
- Over 13,000 products to choose from
- Award winning specialists!

Mon & Wed-Sat 10am-6pm, Tues 10am-5pm, Sun 10am-4pm
 Unit 8, Frenbury Estate, Norwich, NR6 5DP.

Lastolite
Professional

EzyBalance 12% HiLite w/Train Grey £18.99

Lastolite
Professional

Background Support £124.99

Lastolite
Professional

Reflectors:	£22.99
50cm	£32.99
75cm	£53.99
95cm	£74.99

5-in-1 Reflector From £24.99

Softlite Reflector

Lastolite
Professional

White Softlite Reflectors:	From
42cm	£66.99
55cm	£80.99
70cm	£111.99

PocketWizard
MiniTT1 £169

PocketWizard
FlexTT5 £179

PocketWizard
Plus II Set £219



Lowering the Cost of Printing

We are a small, family owned and run company, specialising in photographic consumables - and proud winners of the 2011 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog!

01926 339977 www.premier-ink.co.uk



PRINTER INK CARTRIDGES



EPSON

COMPATIBLE & ORIGINAL INK



At Premier Ink Supplies, we stock two types of cartridges for Epson printers - **Originals**, which are made by Epson, and **Compatibles**, which are made by a UK company called **Jet Tec**. Using **Jet Tec Compatibles** is a way of saving money, without compromising on the quality of your prints. Here're the results from two independent ink tests that agree...

"Jet Tec's colours were superb, with single greys and blacks very close to Epson...so Jet Tec wins!"
- Total Digital Photography Magazine

"What we're looking at here is not only the best choice of ink for the R300 printer, but also the best ink in this group test, period. There's just no getting away from the superb combination of performance and pricing"
- Computer Upgrade Magazine



Cartridge Code:	Originals:	Jet Tec Compatibles:	Suitable EPSON Printers:
T007 Black	£22.99 16ml	£3.99 20ml, 3 for £10.99	Photo 790, 870, 890, 895, 900, 915, 1290
T008 Colour	£18.99 40ml	£4.99 50ml, 3 for £13.99	Photo 790, 870, 890, 895, 915
T009 Colour	£26.99 60ml	£4.99 70ml, 3 for £13.99	Photo 900, 1270, 1290
T026 Black	£19.99 16ml	£3.99 20ml, 3 for £10.99	Photo 810, 830, 830u, 925, 935
T027 Colour	£22.99 40ml	£4.99 50ml, 3 for £13.99	
T036 Black	£9.99 10ml	£3.99 13ml, 3 for £10.99	C42, C44, C46
T037 Colour	£11.99 25ml	£4.99 31ml, 3 for £13.99	
T040 Black	£39.99 17ml	£3.99 20ml, 3 for £10.99	C62, CX3200
T041 Colour	£29.99 37ml	£4.99 46ml, 3 for £13.99	
T050 Black	£29.99 15ml	£2.99 16ml, 3 for £7.99	440, 460, 660, Photo 700, 750, 1200
T051 Black	£29.99 24ml	£2.99 26ml, 3 for £7.99	740, 760, 800, 850, 860, 1160
T052 Colour	£29.99 35ml	£3.99 36ml, 3 for £10.99	440, 640, 660, 740, 760, 1160
T053 Colour	£29.99 43ml	£3.99 48ml, 3 for £10.99	Photo 700, 750
T0341-T0347 Set of 7	£119.99 set of 7	Check Website.	Photo 2100
T0341/8, each	£14.99 17ml	Check Website.	
T0342/3/4, each	£17.99 17ml	Check Website.	
T0345/6/7, each	£17.99 17ml	Check Website.	
T0441-T0454 Set of 4	£42.99 set of 4	£14.99, 3 sets for £42.99	C64, C66, C68, C66
T0441 Black	£17.99 13ml	£4.99 21ml, 3 for £13.99	CX3600/3650, CX4600, CX6600
T0452/3/4, each	£9.99 6ml	£3.99 21ml, 3 for £10.99	
T0481-T0486 Set of 6	£64.99 set of 6	£19.99, 3 sets for £56.99	R290, R220, R300, R320, R340
T0481/2/3, each	£14.99 13ml	£3.99 21ml, 3 for £10.99	RX500, RX600, RX620, RX640
T0484/5/6, each	£14.99 13ml	£3.99 21ml, 3 for £10.99	
T0540-T0549 Set of 8	£109.99 set of 8	£35.99, 3 sets for £99.99	Photo R800, R1800
T0540 Gloss	£8.99 13ml	£3.99 21ml, 3 for £13.99	
T0541/2/3/4, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	Photo R240, R245
T0547/8/9, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	RX420, RX425, RX520, RX525
T0551-T0554 Set of 4	£32.99 set of 4	£14.99, 3 sets for £42.99	
T0551 Black	£8.99 6ml	£4.99 21ml, 3 for £10.99	Photo R2400
T0552/3/4, each	£8.99 6ml	£3.99 21ml, 3 for £10.99	
T0591-T0599 Set of 8	£99.99 set of 8	Check Website.	
T0591/2/3, each	£12.99 13ml	Check Website.	
T0594/5/6, each	£12.99 13ml	Check Website.	
T0597/8/9, each	£12.99 13ml	Check Website.	
T0611-T0614 Set of 4	£32.99 set of 4	£14.99, 3 sets for £42.99	D69, D88
T0611 Black	£8.99 6ml	£4.99 21ml, 3 for £13.99	DX3800/3850, DX4800/4850
T0612/3/4, each	£8.99 6ml	£3.99 21ml, 3 for £10.99	
T0711-T0714 Set of 4	£32.99 set of 4	£14.99, 3 sets for £42.99	S20, S21, SX160/105/110/115/200/205/210/215
T0711 Black	£8.99 7.4ml	£4.99 13ml, 3 for £13.99	SX400/405/415/515, D78/92/120, B40W, BX300
T0712/3/4, each	£8.99 5.5ml	£3.99 13ml, 3 for £10.99	DX4000/4400/5000/6000/7000/7400/8400/9400
T0791-T0796 Set of 6	£69.99 set of 6	Check Website.	Photo 1400
T0791/2/3, each	£11.99 10ml	Check Website.	
T0794/5/6, each	£11.99 10ml	Check Website.	
T0801-T0806 Set of 6	£49.99 set of 6	£19.99, 3 sets for £57.99	Photo P50, PX650/660/700W/710W/720WD
T0801/2/3, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	PX730WD/860FW/810FW/830FWD/830FWD
T0804/5/6, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	R265/265/360, RX560/565/565
T0870-T0879 Set of 8	£76.99 set of 8	Check Website.	Photo R1900
T0870 Gloss	£7.99 11.4ml	Check Website.	
T0871/2/3/4, each	£9.99 11.4ml	Check Website.	
T0877/8/9, each	£9.99 11.4ml	Check Website.	
T0961-T0969 Set of 8	£78.99 set of 8	Check Website.	Photo R2880
T0961/2/3/4/5, each	£9.99 11.4ml	Check Website.	
T0966/7/8/9, each	£9.99 11.4ml	Check Website.	
T1281-T1284 Set of 4	£26.99 set of 4	£14.99 set of 4	S22, SX125/130, SX420W/425W/445W, BX305F
T1281 Black	£7.99 5.9ml	£4.99 13ml	
T1282/3/4, each	£6.99 3.5ml	£3.99 10ml	
T1291-T1294 Set of 4	£37.99 set of 4	£16.99 sets of 4	SX420W/425W/445W/525WD/620FW, BX305F/320FW/525WD/535WD/625FWD/630FWD, BX635FWD/BX925FWD/BX935FWD, B42WD
T1291 Black	£10.99 11.2ml	£5.49 16ml	Photo R3000
T1292/3/4, each	£9.99 7ml	£4.49 13ml	Photo R2000
T1571-9, each NEW	£20.99 25.9ml each or £164.99 set of 8		Photo RX700
T1591-9, each NEW	£14.99 17ml each or £109.99 set of 8		
T5591-6, each	£12.99 13ml each or £64.99 set of 6		

Please call or check our website if you cannot find cartridges for your printer.

WIDE FORMAT INK



EPSON Stylus Pro 3800, 3880	
T5801/5802/5803/5804/5805/5806/5807/5808/5809/580A/B 80ml each	£44.99
EPSON Stylus Pro 4000, 4400, 7600, 9600	
T5431/5432/5433/5434/5435/5436/5437/5438 110ml each	£44.99
T5441/5442/5443/5444/5445/5446/5447/5448 220ml each	£69.99
EPSON Stylus Pro 4800, 4880:	
T6051/6052/6053/6054/6055/6056/605C/6057/6138/6059 110ml	£44.99
T6061/6062/6063/6064/6065/6066/606C/6067/6148/6069 220ml	£69.99
EPSON Stylus Pro 7800, 7880, 9800:	
T6021/6022/6023/6024/6025/6026/602C/6027/6118/6029 110ml	£44.99
T6031/6032/6033/6034/6035/6036/603C/6037/6128/6039 220ml	£69.99

Please call or check our website for further details

Canon Compatibles	
BCi3e Black 26ml	£2.99
BCi6 B/C/M/Y 15ml	£2.99
BCi6 PC/PM/R/G 15ml	£2.99
PGi5 Black 29ml	£4.99
CLi8 B/C/M/Y/PC/PM 15ml	£3.99
PGi520 Black 19ml	£4.99
CLi521 B/C/M/Y/GY 9ml	£3.99
PGi525 Black 19ml	£4.99
CLi526 B/C/M/Y/GY 9ml	£3.99
BCi24 Black 9ml	£1.99
BCi24 Colour 16ml	£2.99
PG37 Black 12ml	£9.99
PG40 Black 26ml	£13.99
PG50 Black 28ml	£12.99
PG510 Black 11.5ml	£13.99
PG512 Black 18ml	£14.99
CL38 Colour 12ml	£12.99
CL41 Colour 16ml	£16.99
CL51 Colour 24ml	£14.99
CL512 Colour 11.5ml	£15.99
CL513 Colour 15ml	£16.99

Canon Originals	
BCi3e Black 26ml	£10.99
BCi6 B/C/M/Y 13ml	£9.99
BCi6 PC/PM/R/G 13ml	£9.99
PGi5 Black 26ml	£12.99
CLi8 B/C/M/Y 13ml	£11.99
CLi8 PC/PM/R/G 13ml	£11.99
PGi7 Black 25ml	£11.99
PGi9 Clear 191ml	£11.99
PGi9 PB/MB/CMY 14ml	£10.99
PGi9 PC/PM/R/G/Y 14ml	£10.99
PGi520 Black 19ml	£9.99
CLi521 B/C/M/Y/GY 9ml	£8.99
PGi525 Black 19ml	£9.99
CLi526 B/C/M/Y/GY 9ml	£8.99
PG37 Black 11ml	£12.99
PG40 Black 16ml	£15.99
PG50 Black 22ml	£22.99
PG510 Black 9ml	£11.99
PG512 Black 15ml	£15.99
CL38 Colour 9ml	£16.99
CL41 Colour 12ml	£19.99
CL51 Colour 21ml	£26.99
CL52 Photo 21ml	£19.99
CL511 Colour 9ml	£15.99
CL513 Colour 13ml	£19.99
KP-36IP Ink & Paper	£12.99
KP-108IP Ink & Paper	£29.99

Many more in stock!

Dell Cartridges

Comprehensive range of Original and Compatible Dell cartridges in stock - call or check website for details!

HP Compatibles	
No.15 Black 46ml	£4.99
No.21 Black 10ml	£7.99
No.22 Colour 21ml	£11.99
No.45 Black 46ml	£4.99
No.56 Black 24ml	£9.99
No.57 Colour 24ml	£12.99
No.58 Photo 24ml	£12.99
No.78 Colour 36ml	£9.99
No.88XL B/C/M/Y each	£9.99
No.110 Colour 12ml	£10.99
No.300XL Black 18ml	£14.99
No.300XL Colour 18ml	£16.99
No.336 Black 10ml	£7.99
No.337 Black 21ml	£10.99
No.338 Black 21ml	£10.99
No.339 Black 34ml	£12.99
No.342 Colour 12ml	£10.99
No.343 Colour 21ml	£12.99
No.344 Colour 21ml	£14.99
No.348 Photo 21ml	£12.99
No.350XL Black 30ml	£14.99
No.351XL Colour 20ml	£16.99
No.363 Black 20ml	£6.99
No.363 C/M/Y/PC/PM each	£4.99
No.364 Black 10ml	£6.99
No.364 PB/C/M/Y each	£5.99

HP Originals	
No.21 Black 5ml	£11.99
No.22 Colour 5ml	£14.99
No.38 All Colours 27ml each	£26.99
No.56 Black 19ml	£16.99
No.57 Colour 17ml	£24.99
No.58 Photo 17ml	£22.99
No.100 Grey 15ml	£22.99
No.110 Colour 5ml	£18.99
No.300 Black 4ml	£10.99
No.300 Colour 4ml	£12.99
No.301 Black 3ml	£9.99
No.301 Colour 3ml	£11.99
No.337 Black 11ml	£17.99
No.338 Black 11ml	£17.99
No.339 Black 21ml	£24.99
No.343 Colour 7ml	£18.99
No.344 Colour 14ml	£26.99
No.350 Black 4.5ml	£11.99
No.351 Colour 3.5ml	£13.99
No.363 Black 6ml	£13.99
No.363 C/M/Y/PC/PM each	£8.99
No.364 Black 6ml	£8.99
No.364 PB/C/M/Y 3ml each	£7.99
No.901 Black 4ml	£11.99
No.901 Colour 9ml	£16.99
No.920XL Black 49ml	£19.99
No.920XL C/M/Y 6ml each	£8.99
No.940XL Black 49ml	£23.99
No.940XL C/M/Y 16ml each	£15.99

Many more in stock!

Lexmark Compatibles	
No.1 Colour	£10.99
No.2 Colour	£11.99
No.3 Black	£14.99
No.16 Black	£10.99
No.17 Black	£9.99
No.26 Colour	£12.99
No.27 Colour	£11.99
No.31 Photo	£11.99
No.32 Black	£9.99
No.33 Colour	£11.99
No.34 Black	£11.99
No.35 Colour	£12.99

Lexmark Originals	
No.1 Colour	£16.99
No.14 Black	£16.99
No.15 Colour	£18.99
No.17 Black	£13.99
No.23 Black	£14.99
No.24 Colour	£16.99
No.27 Colour	£14.99
No.28 Black	£13.99
No.29 Colour	£14.99
No.32 Black	£15.99
No.33 Colour	£17.99
No.36 Black	£16.99
No.37 Colour	£18.99
No.43 Colour	£22.99
No.44 Black	£18.99
No.100 Black	£12.99
No.100 Cyan / Mag / Yellow	£7.99

Many more in stock!

Brother Compatibles	
LC900 Black	£3.99
LC900 C/M/Y	£2.99
LC900 Set of 4	£11.99
LC970 / 1000 Black	£3.99
LC970 / 1000 C/M/Y	£2.99
LC970 / 1000 Set of 4	£11.99
LC980 / 1100 Black	£3.99
LC980 / 1100 C/M/Y	£2.99
LC980 / 1100 Set of 4	£11.99
LC985 Black	£3.99
LC985 C/M/Y	£2.99
LC985 Set of 4	£11.99

Brother originals also in stock!

Kodak Original Ink / Paper	
ESP Black Series 10 Ink	£6.99
ESP Colour Series 10 Ink	£11.99
ESP Black Series 30 Ink	£6.99
ESP Colour Series 30 Ink	£11.99
ESP Black/Colour Twin Pack	£17.99

Kodak Photo Paper also in stock!

PHOTOGRAPHIC PAPERS

ILFORD

As an Ilford Pro Centre, we stock the complete range of Ilford photographic papers, including A2, 17, 24 and 44 inch rolls. Below is just a selection.

Photo Glossy Paper 200g, A4, 20	+20 FREE £7.99
Smooth Gloss 290g, 8x4, 100 sheets	£17.99
Smooth Gloss 290g, 7x5, 100 sheets	£23.99
Smooth Gloss 290g, A4, 25	+10 FREE £12.99
Smooth Gloss 290g, A4, 100	£35.99
Smooth Gloss 290g, A3, 25 sheets	£27.99
Smooth Gloss 290g, A3+, 25 sheets	£29.99
Smooth Pearl 290g, 8x4, 100 sheets	£17.99
Smooth Pearl 290g, 7x5, 100 sheets	£23.99
Smooth Pearl 290g, A4, 25	+10 FREE £12.99
Smooth Pearl 290g, A4, 100	£35.99
Smooth Pearl 290g, A3, 25 sheets	£27.99
Smooth Pearl 290g, A3+, 25 sheets	£29.99
Smooth Fine Art 190g, A4, 10 sheets	£12.99
Smooth H/weight Matt 200g, A4, 50 sheets	£12.99
Smooth Lustre Duo 280g, A4, 25 sheets	£14.99
Gold Fibre Silk 310g, A4, 50 sheets	£44.99

ICC profiles available for all Ilford papers

Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.79 per order. All prices include VAT, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, www.premier-ink.co.uk, over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB.

01926 339977 www.premier-ink.co.uk



Premier

Ink & Photographic

Winners of the Amateur Photographer 2011 GOLD "Good Service Award"

MEMORY



Compact Flash		
2GB 20MB/s	£14.99	£8.99
4GB 20MB/s	£19.99	£10.99
8GB 20MB/s	£34.99	£16.99
16GB 20MB/s	£54.99	£26.99
SD Cards		
2GB	£8.99	£3.99
4GB Class 10	£19.99	£6.99
8GB Class 10	£29.99	£9.99
16GB Class 10	£49.99	£19.99
USB Pen Drives		
2GB Transcend	£8.99	£4.69
4GB Transcend	£14.99	£4.99
8GB Transcend	£19.99	£8.99
16GB Transcend	£34.99	£16.99

Lexar

Compact Flash		
8GB 60MB/s	£148.46	£38.99
8GB 60MB/s	£177.38	£47.99
16GB 60MB/s	£204.25	£68.99
16GB 60MB/s	£271.30	£94.99
SD Cards		
8GB Class 10	£78.46	£21.99
16GB Class 10	£130.73	£40.99

SanDisk

Sandisk Ultra 30MB/s		
4GB 30MB/s	£21.76	£14.99
8GB 30MB/s	£36.12	£23.99
16GB 30MB/s	£70.06	£46.99
Sandisk Extreme 40&60MB/s		
4GB 40MB/s	£36.34	£21.99
8GB 60MB/s	£67.02	£38.99
16GB 60MB/s	£116.19	£68.99
32GB 60MB/s	£208.89	£134.99

Sandisk Blue C2: 5MB/s		
2GB 5MB/s	£8.27	£4.99
4GB 5MB/s	£12.41	£6.49
8GB 5MB/s	£21.10	£11.99

Sandisk Ultra C4: 15MB/s		
2GB 15MB/s	£9.57	£5.99
4GB 15MB/s	£15.66	£7.99
8GB 15MB/s	£27.85	£14.99
16GB 15MB/s	£57.22	£28.99

Sandisk Extreme C10: 30MB/s		
4GB 30MB/s	£21.33	£11.99
8GB 30MB/s	£37.42	£18.99
16GB 30MB/s	£52.02	£37.99
32GB 30MB/s	£92.02	£74.99

Sandisk Extreme Pro UHS1: 45MB/s		
8GB 45MB/s	£54.84	£27.49
16GB 45MB/s	£103.58	£58.99

xD Picture Cards		
2GB Olympus	£24.99	£14.99

BATTERIES & CHARGERS

Standard Rechargeables		
High-power Ni-MH rechargeable AA and AAA batteries - all sold in packs of 4.		
AAA 1000mAh Duracell	£6.99	
AA 745mAh Duracell	£6.99	
AA 2700mAh GP	£9.99	
AA 2850mAh Ammann	£13.99	
AA 2900mAh Delkin	£14.99	£9.99

ReCyko+ Rechargeables		
New technology, combining the benefits of Alkaline and Ni-MH rechargeable batteries. They come pre-charged, retain 90% of their charge after 6 months, and last 4 times as long as alkaline batteries!		
AAA Ultimate Lithium (4)	£5.99	
AA 2050mAh equivalent (4)	£7.99	£5.99

Ultimate Lithium		
Energizer Ultimate Lithium: The longest lasting AA and AAA batteries in the world!		
AAA Ultimate Lithium (4)	£6.99	
AA Ultimate Lithium (4)	£7.99	£5.99

Camera Batteries

A comprehensive range of rechargeable Li-ion batteries. Manufactured by respected independent battery manufacturers Energizer and Blumax. All batteries come with a 2 year guarantee.

NB-1L for Canon	£9.99
NB-2L/LH for Canon	£9.99
NB-3L for Canon	£9.99
NB-4L for Canon	£9.99
NB-5L for Canon	£9.99
NB-6L for Canon	£9.99
NB-7L for Canon	£12.99
NB-8L for Canon	£9.99
NB-9L for Canon	£9.99
BP-511 for Canon	£12.99
LP-E5 for Canon	£12.99
LP-E6 for Canon	£29.99
LP-E8 for Canon	£15.99
LP-E10 for Canon	£12.99
NP40 for Fuji	£9.99
NP45 for Fuji	£9.99
NP50 for Fuji	£9.99
NP60 for Fuji	£9.99
NP80 for Fuji	£9.99
NP95 for Fuji	£9.99
NP140 for Fuji	£12.99
NP150 for Fuji	£19.99
NP200 for Minolta	£9.99
NP400 for Minolta	£12.99
EN-EL1 for Nikon	£9.99
EN-EL2 for Nikon	£9.99
EN-EL3/3A for Nikon	£9.99
EN-EL3E for Nikon	£15.99
EN-EL5 for Nikon	£9.99
EN-EL9 for Nikon	£12.99
EN-EL10 for Nikon	£9.99
EN-EL11 for Nikon	£9.99
EN-EL12 for Nikon	£9.99
EN-EL19 for Nikon	£12.99
LI10B/12B for Olympus	£9.99
LI40B/42B for Olympus	£9.99
LI50B for Olympus	£9.99
BLM-1 for Olympus	£12.99
BLS-1 for Olympus	£12.99
CGA-S005 for Panasonic	£9.99
CGR-S006 for Panasonic	£9.99
CGA-S007 for Panasonic	£9.99
CGA-S008 for Panasonic	£9.99
BCF10E (V3) for Panasonic	£19.99
BCG10E (V3) for Panasonic	£19.99
BLB13 (V3) for Panasonic	£19.99
BMB9 (V2) for Panasonic	£24.99
VGB130 (V2) for Panasonic	£26.99
D-Li8 for Pentax	£9.99
D-Li50 for Pentax	£12.99
SLM-1137D for Samsung	£9.99
SLM-1674 for Samsung	£12.99
BG-1 for Sony	£19.99
NP-FM500H for Sony	£19.99
NP-FH50 for Sony	£19.99
NP-FW50 for Sony	£24.99

Many more batteries in stock!

Battery Grips

A range of professional battery grips from Hahnel. All can take two Li-ion batteries for double the battery power. AA battery compartment and/or vertical shutter release and/or infrared remote, depending on model.

For Canon 5D MkII	£99.99
For Canon 7D	£99.99
For Canon 30/40/50D	£99.99
For Canon 60D	£99.99
For Canon 450D	£69.99
For Canon 500D	£69.99
For Canon 550D	£99.99
For Canon 1000D	£69.99
For Nikon D40/D60	£39.99
For Nikon D80/D90	£99.99
For Nikon D300/D700	£99.99
For Nikon D7000	£99.99

This is just a sample, more in stock!

Dedicated Charger

A dedicated Li-ion charger, able to charge most camera batteries. Mains cable, plus 12V car charger. **£14.99**

Coin Cells, etc

A comprehensive range of specialist batteries - see our website for full range.

CR123A Energizer Lithium (1)	£1.99
CR2 Energizer Lithium (1)	£1.99
2CR5 Energizer Lithium (1)	£3.99
CRV3 Energizer Lithium (1)	£5.99
LR44 Energizer Alkaline (2)	£1.99
CR2025, CR2032 etc	£1.99

Full range of coin cells in stock

SQUARE FILTERS

P-Type Filter System

The P-Type square/rectangular filter system consists of three parts:
1) An adapter ring that screws onto the front of your lens
2) A filter holder clips onto the ring
3) One or more P-Type (84mm wide) filters



P-Type Adapter Rings

49mm Adapter Ring	£4.99
52mm Adapter Ring	£4.99
55mm Adapter Ring	£4.99
58mm Adapter Ring	£4.99
62mm Adapter Ring	£4.99
67mm Adapter Ring	£4.99
72mm Adapter Ring	£4.99
77mm Adapter Ring	£4.99
82mm Adapter Ring	£4.99

P-Type Holders

Holder Standard	£5.99
Holder Wide Angle	£9.99
Hood Modular	£9.99
Hood Bellows	£34.99
A to P Type Adapter	£9.99

P-Type Bellows Hood

A new design of Bellows Hood that slots into the front of a standard P-Type Holder. **£49.99**



P-Type Filter Wallet

A smooth cushioned filter wallet, to protect and store up to 8 P-Type filters. **£9.99**



We also stock Z-Pro (100mm) and A-Type (67mm) filters, holders and adapter rings

P-Type Neutral Density Filter Kit £49.99

Neutral Density filters have a multitude of uses - from increasing detail in landscapes and reducing over-exposed skies, to creating stunning motion scenes by reducing shutter speeds. Here's a kit which includes all the popular ND filters, and everything you need to get started! The kit contains: 1x ND2 Filter, 1x ND2 Soft Graduated Filter, 1x ND4 Filter, 1x ND4 Soft Graduated Filter, 1x P-Type Filter Holder, 1 x P-Type Adapter Ring of your choice (49-82mm). Just £49.99 - saving nearly £5 on the individual prices.

LENS HOODS & CAPS

Bayonet-Fit Lens Hoods



A comprehensive range of aftermarket matt black bayonet-fit lens hoods for Canon, Nikon and Sony lenses.

ES-62 Canon 50/1.8	£9.99
ES-71H Canon 50/1.4	£9.99
ET-60 Canon 75-300/4-5.6	£9.99
ET-65B Canon 70-300/4-5.6	£9.99
ET-67 Canon 100/2.8 Macro	£9.99
ET-67B Canon 60/2.8	£9.99
EW-60C Canon 18-55 IS	£7.99
EW-73B Canon 17-85 IS	£9.99
EW-78BII Canon 28-135 IS	£9.99
EW-78D Canon 18-200 IS	£9.99
EW-78E Canon 15-85 IS	£12.99
EW-83E Canon 17-40/4.0	£12.99
EW-83J Canon 17-55/2.8	£12.99
HB-25 Nikon 24-85, 24-120	£12.99
HB-37 Nikon 55-200 VR	£7.99
HB-45 Nikon 18-55 VR	£7.99
SH-006 Sony 18-70/3.5-5.6	£9.99
SH-108 Sony 18-55/3.5-5.6	£9.99

This is just a sample, more in stock!

Screw-Fit Lens Hoods

52mm Shaped Petal Hood	£6.99
55mm Shaped Petal Hood	£6.99
58mm Shaped Petal Hood	£6.99
62mm Shaped Petal Hood	£7.99
67mm Shaped Petal Hood	£7.99
72mm Shaped Petal Hood	£9.99
77mm Shaped Petal Hood	£9.99
82mm Shaped Petal Hood	£11.99
46mm Rubber Hood	£3.99
52mm Rubber Hood	£3.99
55mm Rubber Hood	£3.99
58mm Rubber Hood	£3.99
62mm Rubber Hood	£4.99
67mm Rubber Hood	£4.99
72mm Rubber Hood	£5.99
77mm Rubber Hood	£5.99

Lens Caps

30mm, 37mm, 40mm, 43mm, 46mm, 49mm, 52mm, 55mm, 58mm, 62mm, 67mm, 72mm, 77mm, 82mm, 86mm, 95mm	£3.99 each
--	-------------------

We also stock a range of body caps and rear lens caps for Canon, Nikon, Olympus, Sony, Pentax, etc

SPIRIT LEVELS

Bubble Spirit Levels

These simply mount onto the hot shoe of a DSLR camera.

Twin Axis Normal Hotshoe	£7.99
Twin Axis Sony Hotshoe	£7.99
Triple Axis Normal Hotshoe	£9.99
Triple Axis Sony Hotshoe	£9.99

Seculine Digital Spirit Level

A digital spirit level that mounts onto the hot shoe in the usual fashion, and uses LEDs to confirm when the camera is perfectly level. **£29.99**



CLEANING

Sensor Cleaning - DRY

Sensor Loupe 7X with LED	£69.99
ZEEion Anti-static Blower	£37.99
SL788 Arctic Butterfly	£69.99
Sensor Cleaning - WET	
Cleaning Solution (7.5ml)	£15.99
Cleaning Swabs (12)	£29.99
EZ Kit (1ml Solution, 4 Swabs)	£14.99

Massive range of cleaning equipment on our website and in stock.

Camera / Lens Cleaning

Kenair Master Kit	£15.99
Kenair Spare Aerosol	£9.99
LensPen Original	£9.99
Spudz 6x6 inch	£4.99
Spudz 10x10 inch	£6.99
Kood Hurricane Blower	£3.99
Camlink 5-in-1 Clean Kit	£4.29

SCREW-TYPE FILTERS

KOOD

Japanese Optical Glass Filters
Coated to reduce lens flare and reflections.



UV / Haze Filters

Used both to protect the lens of your camera, and to absorb ultraviolet rays that can cause photos to appear hazy

46mm UV / Haze	£6.99
52mm UV / Haze	£6.99
55mm UV / Haze	£7.99
58mm UV / Haze	£8.99
62mm UV / Haze	£9.99
67mm UV / Haze	£10.99
72mm UV / Haze	£11.99
77mm UV / Haze	£14.99
82mm UV / Haze	£17.99
86mm UV / Haze	£22.99

More sizes in stock, from 24 to 86mm!

Circular Polarising Filters

These remove reflections from surfaces such as glass and water, as well as increasing contrast and saturation.

46mm Circular Polarizing	£18.99
52mm Circular Polarizing	£19.99
55mm Circular Polarizing	£21.99
58mm Circular Polarizing	£24.99
62mm Circular Polarizing	£27.99
67mm Circular Polarizing	£31.99
72mm Circular Polarizing	£36.99
77mm Circular Polarizing	£41.99
82mm Circular Polarizing	£46.99
86mm Circular Polarizing	£59.99

More sizes in stock, from 27 to 86mm!

Skylight Filters

Similar to a UV filter, but with a pinkish tinge to add a gentle warmth to your photos.

52mm SkyLight	£7.99
55mm SkyLight	£8.99
58mm SkyLight	£9.99
62mm SkyLight	£10.99
67mm SkyLight	£11.99
72mm SkyLight	£13.99
77mm SkyLight	£16.99

More sizes in stock, from 30 to



Lowering the Cost of Photography

We are a small, family owned and run company, specialising in photographic consumables - and proud winners of the 2011 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog! To find out more about us (or Cooper) you can also find us on www.facebook.com/premierink

01926 339977 www.premier-ink.co.uk



CAMERA BAGS

thinkTANK photo

Official UK ThinkTank stockist

As one of the UK's leading ThinkTank stockists, we aim to carry the entire range in stock at all times. If you're unsure as to exactly which bag you need, or simply wish to examine the superior quality of the ThinkTank range, why not visit our showroom in Leamington Spa. We will also match or beat any ThinkTank price for any other UK stockist.

Retrospective 20 £128	Sling-O-Matic 20 £126	Digital Holster 50 V2.0 £66
Airport International V2.0 £258	Streetwalker £109	Urban Disguise 50 V2.0 £141

Billingham

Authorised Billingham Specialist Centre

Billingham's exquisite range of hand-made camera bags are now on display in our recently-extended showroom in Leamington Spa. If you are considering investing in a professional camera bag that will protect your equipment for many years to come, we strongly recommend first-hand inspection of the Billingham range - only then can Billingham's preoccupation with excellence and attention to detail be fully appreciated.

The Hadley Pro Based on the Hadley Original, the Hadley Pro features a number of additional features including a carrying handle and waterproofed zippered back pocket. Available in Khaki & Tan, Sage & Tan, Black & Tan, and Black & Black. The Hadley Pro £149.99	The 5 Series A firm favourite with serious photographers the world over, the '5 Series' range comprises four sizes of bag, available in Khaki & Tan, Black & Tan, or Black & Black. Billingham 225 £229.99 Billingham 335 £239.99 Billingham 445 £259.99 Billingham 555 £289.99
More Billingham Bags NEW Billingham f2.8 £139.99 NEW Billingham f1.4 £156.99 The Hadley Digital £99.99 The Packington £224.99 The Classic 550 £474.99	The 07 Range New Billingham bags for 2009, constructed from FibreNyte - a lighter alternative to traditional Canvas. Available in Khaki & Chocolate or Black & Black. Billingham 107 £229.99 Billingham 207 £249.99 Billingham 307 £269.99
Billingham Accessories Superflex Inserts (all) £12.99 Shoulder Pads £17.99 Tripod Straps £15.99	



Kata 3N1-10 External Dimensions: 41.0 x 22.0 x 16.5cm Internal Dimensions: 26.5 x 19.0 x 15.0cm £64.99	Kata 3N1-20 External Dimensions: 44.0 x 23.5 x 19.0cm Internal Dimensions: 31.5 x 22.0 x 16.0cm £74.99
Kata 3N1-30 External Dimensions: 45.0 x 32.0 x 19.0cm Internal Dimensions: 32.5 x 29.5 x 16.0cm £84.99	Kata 3N1-33 Based in the award-winning 3N1-30, the new 3N1-33 has additional features, the most notable being a 15" laptop compartment. See website for details. £119.99

Kata 3N1-Tripod Holder For Kata 3N1 bags. £16.99	
--	--

IMPROVED - Kata DPS Digital Rucksack
The Kata DPS Digital Rucksack gives top level protection to two DSLRs with mounted lenses, 3-4 single lenses, a flash, as well as your personal items. The rucksack can be converted from a camera bag into a daypack when not shooting by removing the padded bottom camera insert. When used as a camera bag, the main compartment will hold your DSLR in a top grip position while the modular dividers system separates, organises and protects your lenses, flashes and other accessories. There is an included rain cover which folds neatly away, and an ergonomic chest belt and balancing waist strap for maximum comfort while transporting your gear.

DR-465/ £59.99	DR-466/ £64.99	DR-467/ £69.99
DC Shoulder Bags A range of understated, yet surprisingly roomy and well-padded shoulder bags, each including a detachable rain cover. DC 445 £29.99 DC-435 £32.99 DC-439 £36.99 DC-441 £39.99 DC-443 £42.99 DC-445 £49.99	Insertrolley Compatible with many Kata bags £52	DL10 Grip Hostler £21.99 DL12 Grip Hostler £25.99 DL14 Grip Hostler £31.99 DL16 Grip Hostler £49.99 DL18 Grip Hostler £59.99 CS15 Camera Satchel £89.99 CS17 Camera Satchel £99.99 PR420 Press Reporter Bag £109.99 PR460 Press Reporter Bag £149.99 DL210 Bumblebee Backpack £94.99 PL74 FlyBy Rolling Bag £219.99

RAIN COVERS

OpTech Rainsleeve Unique eyepiece opening and drawing lens enclosure. Two versions, for DSLRs with or without a flashgun. 2 per pack. Standard £5.99 Flash £7.99	Kata Elements Covers Protect your camera against the elements! E690 Small £36.99 E702 Large £51.99	Think Tank Hydrophobia The ultimate protection from the weather! 70-200 £109.00 70-200 Flash £114.00 300-600 £118.00
--	--	--

VANGUARD

Vanguard UP-Rise Messengers A brand new range of innovative shoulder bags. Concealed quick-access top opening, laptop compartment, customisable and removable interior - packed with features. Clever UP-Rise expanding zip system allows bag to increase or reduce in size! UP-Rise 28 Messenger £49.99 UP-Rise 33 Messenger £59.99 UP-Rise 38 Messenger £69.99	Vanguard Outlawz Pro Zoomsters A range of fully featured pro spec zoomster shoulder bags, complete with rain cover, side pockets, internal cradle, water bottle holder and accessory clips. Outlawz 16Z £49.99 Outlawz 17Z £59.99
Vanguard UP-Rise Range Gold award winning range of backpacks, slingbags and shoulder bags, all featuring the patented UP-Rise expanding system. Smart & discreet. Durable & practical. UP-Rise 14Z Zoomster £29.99 UP-Rise 15Z Zoomster £34.99 UP-Rise 34 Slingbag £49.99 UP-Rise 43 Slingbag £59.99 UP-Rise 45 Backpack £69.99 UP-Rise 46 Backpack £84.99 UP-Rise 48 Backpack £94.99	Vanguard Adaptor Backpacks Versatile backpack that converts to slingpack for either left or right handed users. Dual quick-access openings, integrated tripod holder, multiple accessory pockets, customisable interior, and padded breathable fabric on back. Adaptor 41 £59.99 Adaptor 46 £69.99 Adaptor 48 £79.99
BIIN 37 Slingpack £29.99 BIIN 47 Slingpack £39.99 BIIN 50 Backpack £44.99 BIIN 59 Backpack £54.99 Heralder 28 Shoulder Bag £89.99 Heralder 38 Shoulder Bag £129.99	

tamrac

Expedition Backpack Tamrac's famous range of Expedition backpacks have recently been upgraded and can carry huge amounts of camera kit in comfort. Fully MAS compatible. Expedition 4X £89.99 Expedition 5X £104.99 Expedition 6X £119.99 Expedition 7X £149.99 Expedition 8X £169.99 Expedition 9X £189.99	Velocity Sling A unique design of sling backpack, that opens away from your body for even faster access to your gear! Velocity 6X £29.99 Velocity 7X £39.99 Velocity 8X £44.99 Velocity 9X £49.99 Velocity 10X £59.99
Aero Speed Pack Dual access, dual compartment photo backpacks, with front and side openings. SpeedPack 75 £62.99 SpeedPack 85 £82.99	Modular Accessory System The patented Tamrac Modular Accessory System (MAS) allows photographers to customise their bags using accessories that attach to MAS slots on Tamrac bags. Water Bottle With Holder £12.99 Lens Case Pro 50 £11.99 Lens Case Pro 100 £12.99 Lens Case Pro 200 £13.99 Flash Case Medium £10.99 Flash Case Large £11.99 Rain Cover Medium £19.99 Rain Cover Large £23.99 MAS Belt Medium £19.99

LIGHT METERS

SEKONIC L758DR DigitalMaster £439.99	L398A Deluxe III £134.99	L208 TwinMaster Analogous, incident and reflected, ambient light only. £74.99
RT-32 Radio Trigger Module £89.99 Grey Card £27.99 Profile Target SEPT2 £129.99	L308S FlashMate Digital, incident and reflected, ambient and flash light. £149.99	L358 FlashMaster Digital, incident and reflected, simultaneous ambient and flash light, rotating head. £219.99

GOSSEN

Gossen DigiSix £119.95	Gossen DigiFlash £139.95	Gossen DigiPro F Digital, incident and reflected, ambient and flash light. Multiple flash calculation, convenient rotating head. WAS £199.95 £169.95
---	---	--

FLASH TRIGGERS

Hahnel Combi TF Combination wireless remote shutter release and radio flash trigger. 2.4GHz, 100m range, 4 channels. 5 models available. Receiver & Transmitter £49.99 Extra Receivers £34.99	Yongnuo CTR-301P Radio flash trigger with infrared sensor. 433MHz, 30m range, 4 channels. Receiver & Transmitter £29.99 Extra Receivers £19.99
JJC JF Flash Trigger Radio flash trigger, 433MHz, 20m range, 4 ch. Receiver & Transmitter £24.99 Extra Receivers £14.99	Yongnuo RF-602, RF-603, YN-160, YN-460II and YN-560 also available soon! Please check website...

PocketWizard Full range of Pocket Wizard cables stocked. £284 £299	2x Plus II £699 £499	1x MiniTT1 2x FlexTT5 £699 £499
--	---	--

FLASH GUNS

Nissin

12 free Energizer batteries with every Nissin Flashgun

Nissin Di866 Speedlite
The world's most powerful hotshoe flashgun! A guide number of 60m/ISO100 and a clear, full colour LCD panel, makes this advanced unit simple to use. Designed for use with Canon and Nikon digital SLRs, the Nissin Di866 fully supports Canon's E-TTL and Nikon's i-TTL functionality with the option for full manual overrides. Covering a range of focal lengths from 24-105mm and including a secondary fill in flash unit, the Nissin Di866 is the flashgun professionals have been waiting for. Includes built-in USB port for downloading upgrades.
£239.99 £199.99

Nissin Di622 MkII Speedlite
MkII version - new for 2011. An impressively powerful flash gun, with a guide number of 44m/ISO100. Incredible specification, including bounce and swivel flash head, wide angle diffuser and catch light reflector, wireless slave flash with power ratio, active AF assist light and energy saving auto-off circuit.
£149.99 £129.99

Nissin Di466 Speedlite
An advanced and versatile flash gun, with a guide number of 33m/ISO100. Featuring the latest TTL flash control technology, specification includes adjustable bounce flash head, wide angle diffuser and catch light reflector, wireless remote slave flash on manual mode and energy saving auto-off circuit.
£92.99 £79.99

Metz

12 free Energizer batteries with every Metz Flashgun

NEW METZ RANGE
Metz 24 AF-1 £59.99
Metz 36 AF-5 £79.99
Metz 44 AF-1 £149.99
Metz 50 AF-1 £189.99
Metz 58 AF-2 £299.99

Dedicated TTL models for Canon, Nikon, Sony, Olympus, Panasonic, Pentax and Samsung! Full specifications at www.premier-ink.co.uk

Marumi DRF14 Ring Flash
The highly-acclaimed Marumi Ring Flash is a true ring flash - it consists of a main control unit and a separate ring light which connects to the lens filter thread. The flash has a 14mm/ISO100 guide number and features auto TTL exposure. The lens mount is 52mm, step-up rings are also supplied for 55mm, 58mm, 62mm and 67mm fittings. Available in Canon, Nikon and Sony fit, all with full automatic TTL metering.
£119.99

TTL Flash Cord Coiled £24.99
TTL Flash Cord Straight £29.99
Available in Canon, Nikon, Sony, Olympus, Panasonic, Pentax and Samsung fit.

FLASH DIFFUSERS

Bounce Flash Diffuser These popular, simple pop-up plastic diffusers simply fit onto the front of your flash gun, creating a diffused bare bulb effect with even coverage. Huge range available for Canon, Nikon, Sony, Olympus, Pentax, Metz & Nissin. Below is just a sample of the range. £10.99	Inverted Dome Pro Flash Diffuser Set Comprising a clear vinyl body that simply slips onto the head of the flash gun, and an inverted frosted dome that clips onto the front. In addition to diffusing the flash directly hitting your subject, the inverted dome spreads light evenly through the sides of the clear vinyl body, lighting up the surrounding environment, thus producing a natural soft daylight effect. Especially useful for shooting interiors and portraits, and is a firm favourite with wedding photographers. Supplied with four domes, giving you a full range of natural, cool, or warm-up tones. Available in four sizes: Size 1: 62-65 x 39-42mm Nikon SB600, SB800, etc. Size 2: 64-68 x 35-38mm Canon 420EX, 480EX, etc. Size 3: 68-72 x 46-49mm Nikon SB26, 27, 28, etc. Size 4: 73-77 x 46-49mm Canon 580EX, 580EX, etc. £29.99
---	--

FlashRight ColorRight's new "super diffuser" for hotshoe flashguns. £89.99	ColorRight PRO The ultimate white balance filter! Available in two versions - Neutral and Portrait. £104.99
--	---

STUDIO ACCESSORIES

Westcott Apollos and Halos The convenience of an umbrella meets the control of a softbox. Built on an umbrella frame, they mount to any standard umbrella receptacle.	Westcott Umbrellas Such a simple but effective idea - umbrellas with a telescopic shaft. Perfect for travel, they open to 43" diameter, but collapse down to just 14.5".	
Mini Apollo 28" Apollo 45" Halo	43" Umbrella Soft Silver 43" Umbrella White 43" Umbrella White/Black	
£59.99 £99.99 £104.99	£18.99 £18.99 £21.99	
Westcott 28" Apollo Flash Kit Including shoe mount, 28" Apollo and light stand.	Westcott Umbrella Flash Kit Including shoe mount, umbrella and light stand.	Westcott 5-in-1 Reflector Kit Including reflector, reflector holder, and light stand.
 £164 £119.99	 £61 £64.99	 £110 £74.99

Lastolite Ezybox Hotshoe Studio quality softboxes for your hotshoe flashgun. Complete with hotshoe mounting bracket for attaching to lightstand. Comes in three sizes, 38x38cm, 60x60cm and 76x76cm. Available as kit with 4-section light stand, tilt head, extending handle, shoulder bag and carry case. 22cm Ezybox Speedlite NEW £44.99 38cm Ezybox Hotshoe £84.99 38cm Ezybox Hotshoe Kit £156.99 54cm Ezybox Hotshoe £102.99 54cm Ezybox Hotshoe Kit £174.99 76cm Ezybox Hotshoe £119.99 76cm Ezybox Hotshoe Kit £192.99	Lastolite Flashgun TiltHeads These ingenious Lastolite tiltheads provide a way of attaching your flashgun or flashguns, plus umbrella, to a lightstand. TiltHead For Single Flashgun £16.99 TiltHead Umbrella Kit £89.99
Colour Balance and Exposure Control Handy pop-up colour balance and exposure control grey/white cards. EzyBalance 30cm £17.99 EzyBalance 50cm £29.99	

Lowering the Cost of Photography

Orders are shipped promptly by Royal Mail 1st class post, for which we charge just £1.79 per order. All prices include VAT, and a full VAT receipt is provided with every order. Payment accepted by credit/debit card, cheque or postal order. Orders accepted securely online, www.premier-ink.co.uk, over the telephone, 01926 339977, by post, or by visiting our shop: Premier Ink & Photographic, Longfield Road, Sydenham Ind Estate, Leamington Spa, CV31 1XB

01926 339977 www.premier-ink.co.uk



Premier

Ink & Photographic

Winners of the Amateur Photographer 2011 GOLD "Good Service Award"

CAMERA STRAPS

«BLACKRAPID»

The world's fastest camera straps

Camera Straps

RS-4 Classic	£49.99
RS-5 Cargo	£59.99
RS-7 Curve	£49.99
RS-W1 Womens	£49.99
RS-SPORT2	£59.99
RS-DR2 Double	£99.99

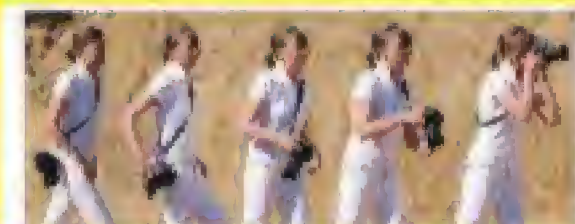
3-in-1 Straps & Bags

SnapR-10 Small	£29.99
SnapR-20 Medium	£34.99
SnapR-35 Large	£39.99



RS-7 RS-W1 SnapR

SUN SNIPER



Camera Straps

ONE Sling Strap	£39.99
STEEL Sling Strap	£49.99
PRO Steel & Bear	£59.99
DPH Dual Harness	£119.99
TPH Triple Harness	£169.99

OP TECH USA

The World's best-selling SLR straps

OP/Tech camera straps use quick release connectors, allowing the strap to be removed from the camera without unthreading the strap. Wrist straps, neck straps and sling straps!

Camera Straps

Wrist Strap	£11.99
Classic Strap	£16.99
Super Classic	£19.99
Pro 3/8 Strap	£17.99
Pro Loop Strap	£18.99
Utility Sling Strap	£29.99

System Connectors

Adapt-its (4)	£4.99
Extensions (2)	£6.99
UniLoop (2)	£6.99
ProLoop (2)	£9.99
LensSupport (2)	£9.99
Sling Adapter	£10.99



SPIDER CAMERA HOLSTER

From hip to hand in a flash...



Spider Pro

Pro Holster	£89.99
Pro Belt	£29.99
Pro Single Kit	£109.99
Pro Dual Kit	£189.99

Spider Black Widow

Widow Holster	£39.99
Widow Belt	£19.99

SHUTTER RELEASES

Hahnel Giga T Pro Wireless Shutter Release & Interval Timer

The NEW Hahnel Giga T is a combined 100m wireless remote shutter release and timer remote control - as well as being able to be used as a short distance cable shutter release. Programmable features include a self-timer, interval timer, long exposure setting and exposure count. These settings can be used in any combination, making the possibilities virtually limitless. 2.4GHz frequency is ultra-reliable.

Channel selector for individual control of multiple cameras. Shutter release button with autofocus, single and continuous shooting, bulb mode and self-timer.

Available for Canon, Nikon, Sony, Olympus, Pentax and Samsung.



hähnel

RRP: £89.99
SPECIAL OFFER - SAVE £20
£69.99

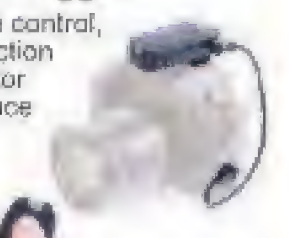
Hahnel Combi TF Wireless Shutter Release & Wireless Flash Trigger

Ultra high frequency 2.4GHz professional radio remote control, with a range of up to 100 metres! Autofocus, Bulb Function and Continuous Shooting functions. 4 digit code selector allows individual codes to be set to eliminate interference from other sources.

Each kit contains a wireless transmitter, a receiver with camera shoe and connectors to allow it to plug into your camera.

Also works as a wireless flash trigger, and with the addition of extra receivers, multiple flashguns can be fired simultaneously.

Available for Canon, Nikon, Sony, Olympus, Panasonic, Pentax and Samsung.



hähnel

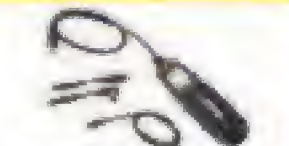
RRP: £69.99
SPECIAL OFFER - SAVE £20
£49.99

Hahnel Cable Remote Shutter Release

An innovative cable remote control for digital SLRs, with interchangeable camera connectors and a 2 metre extension lead, giving the choice of shutter release from 0.8 or 2.6 metres.

Autofocus, Bulb Function and Continuous Shooting functions. Available for Canon, Nikon, Sony, Olympus, Panasonic, Pentax and Samsung.

Excellent value for money - our best selling remote shutter release!



hähnel

RRP: £29.99
SPECIAL OFFER - SAVE £10
£19.99

TRIPODS, MONOPODS & HEADS

Manfrotto

HALF PRICE HEADS!

190XPROB Tripod + HALF PRICE 496RC2 **£142.48**

190XPROB Tripod + HALF PRICE 804RC2 **£144.98**

055XPROB Tripod + HALF PRICE 496RC2 **£157.48**

055XPROB Tripod + HALF PRICE 804RC2 **£159.98**



FREE

Manfrotto

Backpack

with every

804RC2

tripod kit



Manfrotto

324RC2

RRP

£121.99

FREE HEADS!

FREE Manfrotto 324RC2 Grip Head (RRP £121.99) with every Carbon Fibre PRO tripod!

MANFROTTO PRO TRIPODS

190XPROB Tripod	055XPROB Tripod
Aluminum 3-section legs, aluminum canopy, Q20 horizontal tilting central column	Aluminum 3-section legs, aluminum canopy, Q20 horizontal tilting central column
Weight: 1.85kg Load: 5.0kg Folded: 57cm Height: 146cm	Weight: 2.40kg Load: 7.0kg Folded: 65cm Height: 178cm
£114.99	£129.99

190CXPRO3	190CXPRO4	055CXPRO3	055CXPRO4
Carbon Fibre 3-section legs, Q20 column	Carbon Fibre 4-section legs, Q20 column	Carbon Fibre 3-section legs, Q20 column	Carbon Fibre 4-section legs, Q20 column
Weight: 1.29kg Load: 5.0kg Folded: 58cm Height: 146cm	Weight: 1.34kg Load: 5.0kg Folded: 50cm Height: 146cm	Weight: 1.65kg Load: 8.0kg Folded: 65cm Height: 175cm	Weight: 1.70kg Load: 8.0kg Folded: 54cm Height: 170cm
£229.99	£239.99	£259.99	£269.99

MANFROTTO PRO MONOPODS

MM294A3 Monopod	MM294A4 Monopod	695CX Monopod
Aluminum 3-section	Aluminum 4-section	Carbon Fibre 5-section
Weight: 0.50kg Load: 5.0kg Folded: 59cm Height: 151cm	Weight: 0.50kg Load: 5.0kg Folded: 49cm Height: 151cm	Weight: 0.60kg Load: 5.0kg Folded: 47cm Height: 160cm
£29.99	£34.99	£143.99

492 Ball Head	234 Tilt Head	234RC Tilt Head
non quick-release 1/4" thread	Ideal for monopods	with RC2 quick release
Weight: 0.12kg Load: 2.0kg	Weight: 0.27kg Load: 2.5kg	Weight: 0.27kg Load: 2.5kg
£31.99	£14.99	£26.99

494 RC2 Ball Head	496 RC2 Ball Head	498 RC2 Ball Head
with RC2 quick release	with RC2 quick release	with RC2 quick release
Weight: 0.32kg Load: 4.0kg	Weight: 0.46kg Load: 6.0kg	Weight: 0.67kg Load: 8.0kg
£46.99	£54.99	£84.99

324RC2 Grip Action Ball Head	NEW MH054-Q2 Magnesium Ball Head	468MG RC2 Hydrostatic Ball Head
with RC2 q/r	with RC2 q/r	magnesium, with RC2 q/r
Weight: 0.4kg Load: 3.5kg	Weight: 0.6kg Load: 10.0kg	Weight: 0.65kg Load: 10.0kg
£99.99	£149.99	£199.99

804 RC2 Pan / Tilt	808 RC4 Pan / Tilt	410 Geared Head
with RC2 quick release	with RC4 quick release	with RC4 quick release
Weight: 0.79kg Load: 4.0kg	Weight: 1.42kg Load: 8.0kg	Weight: 1.22kg Load: 5.0kg
£59.99	£104.99	£149.99

This is just a small selection of the MANFROTTO range now available to try in our showroom in Leamington Spa

VANGUARD

HALF PRICE HEADS!

AltaPRO 263AT Tripod + HALF PRICE SBH100 **£149.98**

AltaPRO 263AT Tripod + HALF PRICE GH100 **£164.98**

AltaPRO 283CT Tripod + HALF PRICE SBH100 **£279.98**

AltaPRO 283CT Tripod + HALF PRICE GH100 **£294.98**



Vanguard

Alta+ 263AP

RRP

£149.99

£50 OFF RRP!

Alta+ 263AP Tripod including PH32 Three Way Head **£99.99**

VANGUARD PRO TRIPODS

AltaPRO 263AT Tripod	AltaPRO 264AT Tripod
Aluminum 3-section legs, magnesium canopy, MACC Multi-Angle-Central-Column	Aluminum 4-section legs, magnesium canopy, MACC Multi-Angle-Central-Column
Weight: 2.00kg Load: 7.0kg Folded: 63cm Height: 165cm	Weight: 2.10kg Load: 7.0kg Folded: 53cm Height: 155cm
£119.99	£129.99

PRO 253CT	PRO 254CT	PRO 283CT	PRO 284CT
Carbon Fibre 3-section legs, MACC column	Carbon Fibre 4-section legs, MACC column	Carbon Fibre 3-section legs, MACC column	Carbon Fibre 4-section legs, MACC column
Weight: 1.66kg Load: 7.0kg Folded: 63cm Height: 165cm	Weight: 1.57kg Load: 7.0kg Folded: 53cm Height: 155cm	Weight: 1.70kg Load: 8.0kg Folded: 64cm Height: 170cm	Weight: 1.73kg Load: 8.0kg Folded: 53cm Height: 160cm
£224.99	£244.99	£249.99	£269.99

VANGUARD PRO MONOPODS

AP284 Monopod	AP324 Monopod	CP284 Monopod
Aluminum 4-section legs	Aluminum 4-section legs	Carbon Fibre 4-section legs
Weight: 0.57kg Load: 8.0kg Folded: 51.5cm Height: 158cm	Weight: 0.69kg Load: 10.0kg Folded: 53.5cm Height: 167cm	Weight: 0.46kg Load: 8.0kg Folded: 51.5cm Height: 158cm
£39.99	£46.99	£99.99

VANGUARD PRO HEADS

SBH30 Ball Head	SBH50 Ball Head	SBH100 Ball Head
Lightweight magnesium alloy, single adjuster knob, 2 spirit levels, quick release plate	Lightweight magnesium alloy, twin adjuster knobs, 2 spirit levels, quick release plate	Lightweight magnesium alloy, pistol grip ball head, 2 spirit levels, quick release plate
Weight: 0.34kg Load: 5.0kg	Weight: 0.22kg Load: 6.0kg	Weight: 0.39kg Load: 10.0kg
£39.99	£49.99	£59.99

This is just a small selection of the VANGUARD range now available for demonstration in our showroom in Leamington Spa

KOOD

A284 Tripod
Aluminum 4-section
Weight: 2.17kg Load: 8.0kg Folded: 56cm Height: 154cm
£73.99

C2504 Monopod	C2804 Monopod
Carbon Fibre 4-section	Carbon Fibre 4-section
Weight: 0.59kg Load: 4.0kg Folded: 47cm Height: 153cm	Weight: 0.59kg Load: 4.0kg Folded: 47cm Height: 153cm
£59.99	£74.99

BH02 Ball Head	BH08 Ball Head
Quick release plate, spirit level, 360 degree rotation, dual control knobs	Quick release plate, spirit level, 360 degree rotation, dual control knobs
Weight: 0.42kg Load: 12.0kg	Weight: 0.42kg Load: 12.0kg
£22.99	£29.99

BH22 Ball Head	BH25 Ball Head
Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs	Sliding quick release plate, spirit level, 360 degree rotation, triple control knobs
Weight: 0.4kg Load: 8.0kg	Weight: 0.4kg Load: 8.0kg
£31.99	£45.99

hähnel

Triad 30 Lite
4 section magnesium alloy tripod, legs extendable at 3 different angles, reversible centre column, built in spirit level. Supplied with BH50 alloy ball head and carrying case.
Weight: 1.20kg Max Load: 4.0kg Folded: 56cm Max Height: 142cm
£39.99

Triad 40 Lite
Including BH40 alloy ball head.
Weight: 1.58kg Max Load: 5.0kg Folded: 60cm Max Height: 153cm
£49.99

Triad 60 Lite
Including 3-way fluid damped pan/tilt head
Weight: 1.90kg Max Load: 5.0kg Folded: 61cm Max Height: 162cm
£59.99

BH30 Ball Head	BH40 Ball Head
Weight: 0.4kg Load: 8.0kg	Weight: 0.4kg Load: 8.0kg
£24.99	£29.99

Telephone: 01926 339977 or 0800 1077 211

www.premier-ink.co.uk

Premier Ink, Longfield Road, Leamington Spa, CV31 1XB

Mifsuds
.COM
FAMILY RUN SINCE 1954



Mail Order :
01803 852400

Email - info@mifsuds.com

www.mifsuds.com

27-29, Bolton Street, Brixham, Devon. TQ5 9BZ.

PHONE LINES OPEN
MON-FRI 8am - 7pm,
SAT 9am - 5pm,
SUN 10am - 1pm.
SHOP OPEN
MON-SAT 9am - 5pm,
SUN 10am - 1pm.

U.K. Stock ONLY **Canon** MIFSUDS ARE CANON PROFESSIONAL STOCKISTS

EOS DSLRS + KITS

1D X body - pre-order now	£5299
1D MK IV body	£3499
5D MKII body	£1639
5D MKII + 24-70	£2569
5D MKII + 24-105 IS	£2339
7D body	£1189
7D + 15-85 IS	£1697
60D body	£777
60D + 18-55 IS	£876
60D + 18-135 IS	£1047
600D body	£549
600D + 18-55 IS	£637
600D + 18-135 IS	£797
1100D body	£339
1100D + 18-55 IS	£399

COMPACTS

NEW! G1X	£699	G12	£397
SX40IS	£377	S100	£389

EF-S NON FULL FRAME LENSES

10-22 F3.5/4.5 USM	£649
15-85 F3.5/5.6 IS U no box	£579
17-55 F2.8 IS U	£798
17-85 f4/5.6 IS USM unboxed	£379
18-55 F3.5/5.6 IS unboxed	£99
18-135 F3.5/5.6 IS U no box	£319
18-200 F3.5/5.6	£419
55-250 F4/5.6 IS II	£239
60 F2.8 Macro USM	£369

EF LENSES

8-15 F4 L U Fisheye	£1147
16-35 F2.8 MKII L USM	£1147
17 F4 TSE L	£1947
17-40 F4 USM L	£617
20 F2.8 USM	£414
24 F1.4 L II USM	£1347
24 F2.8	£379
24 F3.5 L TSE MKII 1 only	£1699
24-70 F2.8 L USM	£989
24-105 F4 L IS USM unboxed	£899
28 F1.8 USM	£397
28 F2.8	£175
35 F1.4 L U	£1189
35 F2	£229

50 F1.2 L USM	£1279
50 F1.4 U	£309
50 F1.8 II	£95
50 F2.5 Macro	£249
70-200 F2.8 IS U LII	£1869
70-200 F2.8 non IS L USM	£989
70-200 F4 L IS USM	£969
70-200 F4 L USM	£537
70-300 F4/5.6 L IS U	£1247
70-300 F4.5/5.6 IS USM	£419
85 F1.2 L II	£1779
85 F1.8 USM	£309
100 F2.8 IS L U macro	£689
100 F2.8 Macro USM	£439
100-400 F4.5/5.6 IS L USM	£1297
135 F2 L USM	£869
180 F3.5 L USM Macro	£1297
200 F2.8 II L USM	£637
300 F2.8 LII IS USM	£5499
300 F4 L IS USM	£1177
400 F2.8 IS L II USM	£8880
400 F5.6 L USM	£1099
500 F4 IS LII USM	£8499

600 F4 IS LII USM	£10999
Ext tube 12II	£79
Ext tube 25II	£129
1.4x III converter	£399
2x III converter	£399
FLASH & ACCESSORIES	
Angle finder C	£189
BG-E5 grip last few	£87
BG-E6 grip (5D MKII)	£217
BG-E7 grip (7D)	£147
BG-E8 grip (550D)	£115
BG-E9 grip (60D)	£139
LP-E4	£79
LP-E6	£59
MR 14EX Ringlight	£469
MT-24EX	£789
270 EX II	£159
320EX	£229
430 EX II	£219
580 EX II	£397
CP-E4 compact battery pack	£149
Off camera shoe cord OC-E3	£44
LC5 wireless set	£369
STE2 Transmitter	£179
ET1000N3	£69
RS-80N3	£35
TC-80N3	£119
Circular Polariser	£189

16-35mm f2.8 LII USM	£1147
----------------------	-------

17-55mm f2.8 IS USM EFS	£798
-------------------------	------

70-200mm f2.8 LII IS USM	£1869
--------------------------	-------

100mm f2.8 IS L USM macro	£689
---------------------------	------

300 f2.8 LII IS USM	£5499
---------------------	-------

BG-E6 grip for 5D MKII	£217
------------------------	------

BG-E7 grip for 7D	£147
-------------------	------

1.4x or 2x III converter each	£399
-------------------------------	------

430EXII Flash	£219
---------------	------

U.K. Stock ONLY **Nikon** MIFSUDS ARE NIKON PROFESSIONAL DEALERS

DIGITAL SLR + KITS

NEW! Due February 2012
D4 body £4799



D3X body	£5049
D700 body	£1769
D7000 body	£947
D7000 + 18-105 VR	£1097
D90 body	£589
D90 + 18-105 VR	£777
D5100 body	£577
D5100 + 18-55 VR	£677
D3100 body	£399
D3100 + 18-55 VR	£477
Nikon 1 V1 + 10-30 + 30-110	£797
Nikon 1 V1 + 10-30	£677
P7100 Compact	£377

DIGITAL ONLY LENSES

10.5 F2.8 DX	£519
10-24 F3.5/4.5 G AFS DX	£699
12-24 F4 DX 1 only	£769
16-85 F3.5/5.6 AFS VR DX	£469
17-55 F2.8 DX 1 only	£949
18-105 F3.5/5.6 G ED VR no box	£199
18-200 F3.5/5.6 VR DX II	£639
35 F1.8 G DX	£199
40 F2.8 AFS G DX	£227
55-300 F4.5/5.6 G VR DX	£299
85 F3.5 G VR DX	£419

LENSES

14 F2.8 AFD 1 only	£1149
14-24 F2.8 G ED AF-S	£1299
16 F2.8 AF-D Fisheye	£649
16-35 F4 AFS VR	£839
18-35 F3.5/4.5 AFD Demo	£399
20 F2.8 AF-D	£499
24 F1.4 AFS G	£1699
24 F2.8 AF-D	£357
24 F3.5 PCE 1 only	£1349

24-70 F2.8 G ED AFS	£1215
24-120 F4 G ED VR	£847
28 F2.8 AFD	£249
28-300 F3.5/5.6 G ED VR	£689
35 F1.4 G	£1199
35 F2 AF-D	£279
50 F1.4 AF-S G	£297
50 F1.8 G	£169
50 F1.8 AF-D	£129
60 F2.8 AFS	£397
70-200 F2.8 VR II	£1599
70-300 F4.5/5.6 VR	£439
80-400 F4.5/5.6 VR AFD	£1249
85 F1.4 AFS G	£1229
85 F1.8 AFS G	£489
85 F1.8 AF-D	£329
105 F2.8 VR macro	£617
200 F2 G VR II 1 only	£3999
200-400 F4 VR	£4299
300 F2.8 AFS G VR II	£4049
300 F2.8 AFS G VR I	£3599
300 F4 AF-S	£966

400 F2.8 AFS VR	£6697
500 F4 AFS VR	£5897
600 F4 AFS VR	£7197
TC14EII converter	£319
TC17EII converter	£299
TC20EIII converter	£389
FLASH & ACCESSORIES	
GP-1	£199
MBD11 Grip (D7000)	£210
MBD10 Grip (D300/D700)	£227
DR-5/DR-6 angle finder each	£229
SBR200 wireless rem S/Lite	£199
SBR1 ringflash	£399
SBR1CI ringflash/command	£629
SB-700	£239
SB-910	£417
SC-28	£59
SC-29	£69
SU-800 flash slave no box	£239
MC36	£129
MC30	£69
EN-EL3E	£67
ENEL4A	£97
MH-21 charger D3/D2 series	£89
ME-1 Stereo Microphone	£89
NX Capture 2	£149

12-24mm f4 DX	£769
---------------	------

14mm f2.8 AFD	£1149
---------------	-------

17-35mm f2.8 AFS	£1349
------------------	-------

24mm f3.5 PCE	£1349
---------------	-------

200mm f2 VR II	£3999
----------------	-------

300mm f2.8 AFS G VR I	£3599
-----------------------	-------

TC20EIII Converter	£389
--------------------	------

SB-910 Flash	£417
--------------	------

WT-5 wireless transmitter for new D4	£489
--------------------------------------	------

WANTED WE BUY FOR CASH
PART EXCHANGE OR COMMISSION SALE
Collection can be arranged.
contact us at info@mifsuds.com or ring **01803 852400**

U.K. Stock ONLY **SIGMA**

MIFSUDS ARE SIGMA PRO LENS STOCKISTS
3 YEAR WARRANTY ALL LENSES

10-20 F3.5 EX DC HSM	£499	70-200 F2.8 EX DG OS	£999
10-20 F4/5.6 EX DC CAF/NAF	£389	70-300 F4/5.6 DG OS	£299
12-24 F4.5/5.6 EX DG macro MKII	£679	70-300 4.5/5.6 APO DG mac	£189
12-24 F4.5/5.6 EX DG PKAF only	£549	85 F1.4 EX DG HSM	£759
17-50 F2.8 EX DC OS HSM	£569	120-300 F2.8 EX DG OS CAF/NAF	£2099
17-70 F2.8/4.5 DC OS	£344	120-300 F2.8 EX DG CAF only	£1477
18-50 F2.8/4 DC OS	£199	120-400 F4.5/5.6 APO OS	£WEB
18-200 F3.5/6.3 DC OS CAF/NAF	£249	150 F2.8 EX DG OS	£847
18-250 F3.5/6.3 DC OS	£399	150-500 F5/6.3 DG OS	£WEB
24-70 F2.8 EX IF DG HSM	£639	150-500 F5/6.3 DG OS PKAF only	£747
24-70 f2.8 EX DG Sony/PKAF only	£299	300 F2.8 EX DG	£2277
30 F1.4 EX DC HSM	£379	500 F4.5 EX DG	£3799
50 F1.4 EX DG	£379	1.4x EX DG converter	£199
50 F2.8 EX DG	£269	2x converter EX DG	£239
50-500 F4/5.6 OS HSM	£WEB	EM140DG macro ringflash	£349
70 F2.8 EX DG macro	£369		

Panasonic
Micro 4/3rds system

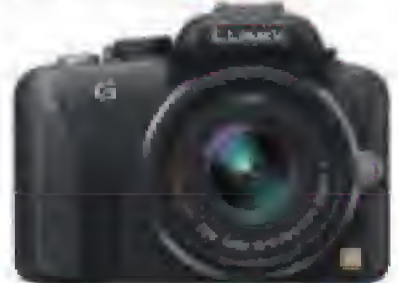
GX1

GX1 body	£549
GX1 + 14-42mm X	£699
GX1 + 14-42mm	£599



G3

G3 + 14-42mm	£447
G3 body	£397



GF3

GF3 + 14-42mm X	£499
GF3 body	£299



7-14mm F4	£1029
8mm F3.5	£599
14mm F2.5	£289
14-42mm F3.5/5.6	
Power OIS X	£350
14-45mm F3.5/5.6 OIS	£239
14-140mm F4/5.8 OIS	£649
20mm F1.7	£289
25mm F1.4 DG	£449
45mm F2.8 OIS	£569
45-175mm F4/5.6	
Power OIS X	£349
45-200mm F4/5.6 OIS	£269
100-300mm F4/5.6 OIS	£449
FL220E Flash	£126
FL360E Flash	£197
FL500E Flash	£389
Superzoom Cameras	
FZ-48 Camera	£279
FZ-150 Camera	£379

Family Run Pro Dealership with Friendly, Knowledgeable Staff. Open 7 days per week. Prices inc VAT. P&P Extra. E&OE.
We are happy to reserve new & used stock for customers planning to visit. Prices are based on current stock at time of compilation January 27th 2012.
Prices are subject to change without notice so please check availability to avoid disappointment. We keep the website updated daily - latest prices available on-line.



Please follow
us on

facebook

Mail Order :

**01803
852400**



Mifsuds
.COM
FAMILY RUN SINCE 1954

NEW EQUIPMENT. Mifsuds are CANON Professional Stockists and NIKON Professional Dealers.

Nikon D4
£4799
NEW! Due February 2012
Pre-order NOW!

WE MUST BE THE BEST STOCKED DEALER IN THE WEST COUNTRY!
WE KEEP THE WEBSITE UPDATED DAILY WITH OUR LATEST PRICES
PLEASE SEE WEBSITE FOR.....

TAMRON

5 STAR
GITZO
★★★★★
DEALER



Manfrotto

HOYA



New stock is available to order from the website but please call us to order used equipment.

Visit our clearance site on ebay <http://stores.ebay.co.uk/Mifsuds-Photographic>

QUALITY USED EQUIPMENT. See website for full list. Call us for condition and to buy secondhand stock. 3 Month warranty on most secondhand.

ALL USED DIGITAL		200 F4.5 PE M..... £249	300 F2.8 IS L..... £3899	35-70 F3.5/5.6 blk box..... £449	Winder..... £79	F100 body box..... £199	28-200 XR Di mint box..... £129	135 F2.8..... £149
CANON USED		200 F4.5 PE..... £179	300 F4 IS U L M- box..... £899	45 F2 Titanium M..... £199	MAMIYA TLR 6x6 USED	F90X body M- box..... £99	28-200 F3.5/6.3 XR..... £79	135 F4.5 mac M- box..... £249
1DS MKIII body M..... £2999		200 F4.5 E..... £99	400 F4 DO M..... £4399	90 F2.8 M- Titanium..... £199	C330 S Body + WLF..... £199	F90X or F80 body blk ea..... £69	28-300 F3.5/6.3 Diil VC..... £249	200 F4..... £79
1DS MKII body..... £1499		2x extender E..... £169	400 F5.6 L M- box..... £969	TLA200 Titanium..... £69	C330 F Body + WLF..... £169	F50/F55/F60/F65 body ea..... £39	55-200 F4/5.6 Diil..... £49	T32 flash..... £49
1D MKIII body..... £1499		E14 ext tube..... £49	1.4x extender MKII..... £279	TLA30 flash..... £39	Prism..... £99	F601/F601 body each..... £29	70-300 F4/5.6 Di box..... £79	Man ext tube 7/14/25 ea..... £24
1D MKII body..... £799		135N back..... £119	2x extender MKII..... £269	CONTAX SLR USED	Hood..... £20	12-24 F4 AFS DX..... £599	70-300 F4/5.5 A17..... £79	Auto ext tube 14 or 25 each..... £39
7D body M- box..... £999		135W back box..... £219	2x extender MKI..... £189	167MT body..... £99	Paramender..... £89	14-24 F2.8 AFS M- box..... £1079	90 F2.8..... £249	PELI CASES USED
5D MKII body box..... £1299		All 120 RFH..... £49	NICE2 charger..... £149	180 F2.8 AE..... £399	MAMIYA 7 RF 6x7 USED	16-85 F3.5/5.6 VR box..... £379	TOK 28-105 F3.5/4.5..... £49	1520 black demo..... £99
5D MKI body..... £899		Polaroid Back..... £39	BP-200 grip..... £29	FUJI MFD FORMAT USED	7ii body exc+..... £999	17-55 F2.8 AFS box..... £769	TOK 50-135..... £399	1550 demo..... £109
40D body..... £379		Rotary prism..... £199	BP-50 grip..... £39	250 F5.6 GX680..... £249	65 F4 box..... £579	18-55 F3.5/5.6 DX VR..... £99	Teleplus Pro 300DG 2x..... £149	1610 no insert demo..... £199
30D body box..... £249		AEIII Prism..... £199	PB-E1..... £69	GA845Zi box..... £449	80 F4 M..... £699	18-70 F3.5/4.5 DX..... £159	Kenko ext tube set DG..... £109	PENTAX 35mm AF USED
20D body box..... £199		AEII Prism..... £99	PB-E1..... £69	GSW690 III..... £799	150 F4.5 L M..... £399	18-105 F3.5/5.6 VR box..... £179	FLASH / ACCESSORIES USED	M25 or M25N body ea..... £79
450D body..... £299		WLF Boxed..... £49	8 F3.5 EX DG M- box..... £479	HASSELBLAD XPAN USED	Panoramic kit..... £49	18-135 F3.5/5.6..... £149	DW-30 (WLF for F5)..... £139	12-24 F4..... £449
350D body..... £179		Plain Prism E..... £49	10-20 F3.5 EX DG M- box..... £439	XPan II + 45 F4..... £1549	Polariser filter ZE702..... £99	18-200 F3.5/6.3 VR box..... £399	SB-25..... £79	18-55 F3.5/5.6..... £49
BG-E1..... £49		M bracket..... £69	17-35 F2.8/4 EX box..... £179	XPan 1 body..... £599	MAMIYA RB 6x7 USED	20 F2.8 AFD M- box..... £399	SB-27..... £49	28-70 F4 AL..... £79
BG-E2N..... £89		Speed Grip E..... £69	17-70 F2.8/4 EX DG..... £189	30 F5.6 M- box..... £2199	Pro SD + 90 KFL + RFH..... £699	20 F2.8 AF..... £279	SB-28..... £99	50-200 F4/5.6 ED DA..... £99
BG-E4..... £99		Metz SCA 386..... £49	18-125 F3.8/5.6 DC..... £179	90 F4..... £449	Pro S + 90 F3.8 C + RFH..... £399	24 F2.8 M- box..... £299	SB-30..... £69	AF200G Mint unused..... £69
BG-E6 box..... £169		BRONICA SQ 6x6 USED	18-250 F3.5/6.3 M- box..... £339	HASSELBLAD 6x6 USED	Pro SD body..... £299	24 F2.8 box..... £1049	SB-400..... £79	360FTZ flash..... £169
BG-E7..... £119		SQAI+80+WLF+120 back..... £499	24-60 F2.8 EX DG..... £229	500CM + 80 CF + A12..... £299	Pro S body..... £179	24-85 F2.8/4 AFD..... £299	SB-600 box..... £179	500FTZ flash..... £99
BG-E9 M..... £109		SQAI body..... £299	28-300 F3.5/6.3..... £129	chr or black each..... £799	Pro S body scruffy..... £99	28-80 F3.5/5.6 AFD box..... £69	SB-700..... £199	SIGMA PKAF USED
G10 compact box..... £249		135W back M- box..... £229	50-500 F4/6.3 EX DG..... £599	PM90 prism..... £199	Prism early..... £99	30 F1.8 AFD..... £79	SB-800 box..... £239	8 F4 EX M- box..... £299
G9 compact box..... £179		50 F3.5 PS M- box..... £299	70-200 F2.8 EX DGII M..... £499	WLF early..... £49	Chimney..... £69	24-120 F3.5/5.6 VR G..... £179	SB-900..... £279	12-24 F4.5/5.6 EX M..... £399
SX30IS compact box..... £219		50 F3.5 PS..... £249	70-200 F2.8 EX DG..... £449	A12 latest M..... £299	Pro S Polaroid back..... £49	28-85 F3.5/4.5..... £99	SU-800..... £199	24-70 F2.8 EX DG mint..... £299
FUJI USED		65 F4 PS Boxed..... £199	70-300 F4/5.6 APO DG..... £129	A12 latest black..... £199	37 F4.5 fisheye..... £399	28-100 F3.5/5.6 G..... £79	MB-10 (F90X)..... £29	24-70 2.8 EX..... £229
S5 body M- box..... £469		110 F4 PS macro..... £279	70-300 F4/5.6 DG..... £79	A12 late black..... £149	60 F4.5 C..... £299	28-105 F3.5/4.5 AFD..... £179	MB-15 (F100)..... £69	28-200 F3.8/5.6 UC..... £79
S3 body box..... £299		135 F4 PS M..... £279	105 F2.8 EX DG mac..... £329	E12 box..... £349	127 F3.5 KL M..... £299	28-300 F3.5/5.6 ED VR..... £599	MB-16 (F80)..... £39	28-300 F3.5/6.3 DG..... £179
LEICA USED		150 F3.5 S..... £99	135-400 F..... £269/369	Polaroid Back 100..... £39	140 F4.5 macro..... £299	35 F2 AFD M- box..... £199	MB-40 (F6) M- box..... £149	70-300 F4/5.6 mac DG..... £79
V-Lux 2 M- box..... £399		150 F4 PS..... £149	170-500 F5/6..... £449	50 F2.8 FE M- box..... £999	180 F4.5 K1..... £249	35-105 F3.5/4.5 AFD..... £99	ML-3 box..... £149	150-500 F5/6.3 DG M- box..... £649
V-Lux 20 box..... £349		150 F4 PS M- Box..... £199	300 F2.8 EX DG box M-£1699	250 F4 FE M- box..... £999	180 F4.5 C..... £149	35-135 F3.5/4.5 AFD M- box..... £149	NIKON MF USED	170-500 F5/6.3..... £399
NIKON USED		180 F4.5 PS..... £399	300-800 F5.6 EX DG..... £3899	50 F4 CF FLE scruffy..... £599	250 F4.5 KL M- box..... £299	50 F1.8 AFD..... £99	FM3A chr body..... £349	TAM 18-200 XR Diil..... £139
D3s body M- box..... £2999		200 F4.5 PS M- box..... £199	1.4x or 2x EX box..... £139	50 F4 CF..... £299	250 F4.5 C..... £199	50 F1.8 AFD..... £79	F3T body blk box..... £999	TAM 28-300 F3.5/5.6..... £99
D3 body M- box..... £2499		200 F4.5 S..... £149	OTHER CAF USED	50 F4 Black T..... £299	Ext tube 2..... £69	55-200 F4.5/5.6 AFS DX..... £129	F3HP body..... £299	TAM 70-300 box..... £99
D3 body..... £1799		Auto bellows S box..... £199	TAM 11-18 F4.5/5.6..... £299	60 F2.8 CF..... £449	Telesup 2x conv..... £69	55-300 F4.5/5.6 VR M..... £249	F3 body box..... £279	TAM 90 F2.8..... £249
D2XS body box..... £999		Polaroid back..... £39	TAM 28-75 F2.8 XR Di..... £249	150 F4 CFI M..... £899	MAMIYA RZ 6x7 USED	60 F2.8 AFS..... £339	FE-2 body blk M- box..... £399	TOK 20-35 F2.8 ATX..... £199
D2X body M- box..... £799		WLF..... £69	TAM 28-300 XR Di M..... £199	150 F4 CFI..... £649	RZ67 Pro II + 90 + RFH..... £799	60 F2.8 AFD..... £249	FE-2 body chr M..... £349	PENTAX 35mm MF USED
D300 body..... £639		Plain Prism S Boxed..... £99	TAM 28-300 XR Di box..... £169	150 F4 CF..... £399	RZ67 Pro II + 110 + RFH..... £699	70-200 F2.8 VR II..... £1499	FA body chr M..... £349	LX + FA1..... £249
D200 body box..... £399		SQAI prism late..... £299	TAM 70-200 F2.8 Di..... £399	150 F4 blk T..... £199	RZ Pro +110 F2.8+RFH..... £549	70-200 F2.8 VR I..... £1149	FA body chr exc+..... £279	MX body chr..... £129
D90 body M- box..... £489/439		AE Prism Early..... £149	TAM 70-300 F4/5.6 Di VC..... £279	150 F4 chrome..... £149	RZ Pro +90 F3.5 + RFH..... £549	70-300 F4/5.6 VR..... £349	FM2n body chr..... £249/299	K1000 body chr..... £99
D80 body..... £299		CDS Chimney..... £99	TAM 70-300 F4/5.6 Di..... £79	160 F4.8 CB M- box..... £599	RZ Pro + 90 F3.5 + RFH..... £549	70-300 F4/5.6 AF ED..... £149	FM2n body blk..... £199/299	KX body chr..... £99
D70 body..... £179		ME Prism Finder..... £129	TAM 200-500 F4/5.6 Di..... £399	Vivitar 2x conv..... £99	RZ Pro II body..... £349	80-200 F2.8 D..... £299	FM2 body chr..... £149	Super A body..... £79
D40 body box..... £199		Metz SCA 386..... £49	Kenko Pro 300 1.4x..... £119	LEICA M/COMPACT USED	RZ Pro body..... £199	80-400 F4.5/5.6 VR..... £949	F2 chr + DP1 Prism..... £279	P30T or P30N body ea..... £69
D7000 body M- box..... £879		Lens Hood 65-80..... £20	Teleplus 2x Pro 300 DG..... £139	M6 blk TTL 0.72..... £899	250 F4.5..... £199	85 F1.4 AFD M..... £749	F2 Bk + DP1 Prism..... £279	P50 body..... £39
D5100 body..... £POA		Pro shade S box..... £49	CANON FLASH USED	M6 blk box..... £799	No 1 ext tube..... £99	85 F3.5 VR M..... £339	F2 chr + plain prism..... £199	Ricoh KR 5 Super body..... £49
D6000 body box..... £349		Motorwinder..... £199	270EX box..... £99	M6 black body..... £699	FE701 prism AE..... £299	105 F2.8 VR..... £529	FE body black..... £69	28-50 F3.5/4.5 PK..... £69
MBD-200..... £89		430EX box..... £149	540EZ box..... £79	M3 chr + ERC..... £999	120 backs..... £39	105 F2.8 AF..... £379	FG body chr..... £69	35-70 F3.5/4.5 PK..... £49
MBD-80..... £89		580EX box..... £179	580EX M- box..... £319	50 F2 blk..... £699	L Grip..... £79	180 F2.8 AFD..... £429	15 F3.5 AIS M- box..... £599	40-80 F2.8/4 PK..... £69
MBD-11 M- box..... £179		580EX box..... £179	580EX M- box..... £319	CF Flash..... £69	Left hand grip..... £49	200 F2 VR M..... £2699	18 F3.5 AIS..... £599	50 F1.7..... £49
MBD-10 M- box..... £189		580EX M- box..... £179	580EX M- box..... £179	LEICA SLR USED	Pro shade..... £49	300 F2.8 AFS VR..... £3499	24 F2 AIS..... £399	50 F4 macro PK..... £129
MBD-10 scruffy..... £149		580EX M- box..... £179	580EX M- box..... £179	R4S body blk..... £149	Pro AE hood..... £119	300 F2.8 AFS VR..... £3199	28 F2.8 AIS M..... £239	135 F3.5 compact PK..... £49
J1 + 10-30..... £399		580EX M- box..... £179	580EX M- box..... £179	R4 body chr..... £149	MINOLTA/SONY AF USED	300 F4 non AFS..... £449	28 F3.5 Shift..... £449/549	300 F4..... £199
+ 30-110 red M- box..... £399		580EX M- box..... £179	580EX M- box..... £179	LIGHTMETERS USED	Dynaflex 9 body..... £399	400 F2.8 AFI..... £2999	28 F3.5 AI..... £99	Vivitar ext tubes PK..... £39
P7000 compact..... £199		580EX M- box..... £179	580EX M- box..... £179	Gossen Lunasix IIS..... £79	Dynaflex 9xi + BP9xi..... £149	500 F4 VR..... £5199	35 F2 AIS..... £199	Rear converter PT62..... £69
P6000 compact M- box..... £169		580EX M- box..... £179	580EX M- box..... £179	Minolta Flashmeter V..... £179	Dynaflex 7xi body..... £79	500 F4 AFS I..... £3499	35 F2.8 shift early..... £249	Auto bellows including
OLYMPUS USED		580EX M- box..... £179	580EX M- box..... £179	Minolta Autometer VF..... £149	Dynaflex 5 body box..... £69	35-105 F3.5/4.5 AIS box..... £199	FE-2 body blk M- box..... £399	copy attachment..... £169
E3 body M- box..... £549		580EX M- box..... £179	580EX M- box..... £179	Sekonic L358 M..... £179	Dynaflex 800Si body..... £79	TC17EII..... £249	FE body chr..... £69	PENTAX 645AF USED
E1 + HLD2..... £199		580EX M- box..... £179	580EX M- box..... £179	Sekonic L508 M- box..... £299	Dynaflex 700Si + VC700..... £99	TC20EII M..... £199	43-86 F3.5 AI..... £69	645N body..... £299
E500 body..... £199		580EX M- box..... £179	580EX M- box..... £179	Sekonic L508 cine..... £249	Dynaflex 700Si body..... £69	TC20E..... £169	50 F1.4 AIS..... £199	120 insert..... £79
11-22 F2.8/3.5..... £579		580EX M- box..... £179	580EX M- box..... £179	MAMIYA 645 USED	Dynaflex 600Si + VG600..... £69	SIGMA NAF USED	50 F1.8 AIS..... £99	PENTAX 645MF USED
14-45 F3.5/5.6..... £169		580EX M- box..... £179	580EX M- box..... £179	645 Pro TL + 80 + RFH..... £449	Dynaflex 8000i body..... £69	10-20 F4/5.6 DC..... £329	50 F2 AI..... £79	45 F2.8..... £249
14-54 F2.8/3.5..... £349		580EX M- box..... £179	580EX M- box..... £179	+ plain prism..... £499	Dynaflex 505Si Super h/o..... £49	12-24 F4/5.6 EX DG box..... £399	55 F2.8 AIS box M..... £199	55 F2.8 M..... £299
18-180 F3.5/5.6..... £199		580EX M- box..... £179	580EX M- box..... £179	645 Pro TL inc 80 F2.8 N..... £499	Dynaflex 500Si or 505Si ea..... £49	15-30 F3.5/4.5 EX DG..... £179	85 F2 AI..... £169	80-160 F4.5..... £299
40-150 F3.5/4.5..... £99		580EX M- box..... £179	580EX M- box..... £179	FE401 Prism + Pro Winder..... £549	Sony 18-55 F3.5/5.6 SAM..... £299	scruffy..... £179	100-300 F5.6 AIS..... £149	120 F4 macro..... £299
40-150 F4/5.6..... £99		580EX M- box..... £179	580EX M- box..... £179	645 Pro SV Kit inc 80 F2.8 N..... £79	Sony 18-70 box..... £79	17-35 F2.8/4 EX..... £179	105 F2.8 AIS micro..... £299/399	135 F4 Leaf..... £249
70-300 F4.5. 6 box..... £269		580EX M- box..... £179	580EX M- box..... £179	+ SV Prism + 120 RFH..... £449	Sony 28-75 F2.8..... £339	17-70 F2.8/4 DC OS..... £279	105 F2.5 AIS M..... £219	150 F3.5 EX++..... £199
FL50R flash M- box..... £229		580EX M- box..... £179	580EX M- box..... £179	+ Winder Box..... £449	28-70 F2.8 D box..... £299	18-50 F2.8 EX DC..... £229	135 F3.5 AI..... £65	200 F4 box..... £199/149
HLD4 box..... £129		580EX M- box..... £179	580EX M- box..... £179	645 Pro + 80 F2.8 N..... £449	28-80 F3.5/5.6..... £39	18-125 F3.8/5.6 DC..... £139	180 F2.8 ED AIS..... £299/399	1.4x or 2x converter ea..... £199
PANASONIC USED		580EX M- box..... £179	580EX M- box..... £179	+ 120 RFH + FE401..... £479	50 F2.8 macro..... £199	18-200 F3.5/5.6 DC..... £139	300 F2.8 AIS..... £899	Ext tube set..... £99
GH1 body M- box..... £279								



Mifsuds
.COM
FAMILY RUN SINCE 1954



Mail Order :
01803 852400
Email - info@mifsuds.com
www.mifsuds.com
27-29, Bolton Street, Brixham, Devon. TQ5 9BZ.

PHONE LINES OPEN
MON-FRI 8am - 7pm,
SAT 9am - 5pm,
SUN 10am - 1pm.
SHOP OPEN
MON-SAT 9am - 5pm,
SUN 10am - 1pm.

NEW!!! Nikon D4

- 16.2 effective megapixel, full-frame sensor (16.6MP total).
- 10fps shooting with AF and AE, 11fps with focus and exposure locked, 24fps 2.5MP grabs.
- 91,000 pixel sensor for metering, white balance, flash exposure, face detection and active d-lighting.
- ISO Range 100-12,800 (extendable from 50 – 204,800).
- MultiCAM 3500FX Autofocus sensor works in lower light and with smaller apertures.
- Two sub-selector joystick/buttons for shooting orientation.
- 1080p 30 HD video at up to 24Mbps with uncompressed video output.
- New EN-EL18 battery (21.6Wh capacity, CIPA-rated at 2600 shots).
- Twin card slots - one Compact Flash and one XQD.

The D4 offers wireless LAN support, using the new WT-5 wireless transmitter, which features both HTTP and FTP connection modes, as well as an ethernet port.

Photographers will be able to apply IPTC information in-camera. There are 14 available fields and 10 presets, saving an enormous amount of time.



D4 Body £4799 Preorder NOW!

Nikon Lenses - IN STOCK for immediate delivery

14-24mm f2.8
G ED AF-S



£1299

16-35mm f4
AF-S VR



£839

24mm f3.5 PCE
Tilt/Shift



£1349

24-120mm f4 G
ED VR



£847

28-300mm
f3.5/5.6 G ED VR



£689

Nikon Flash



**SB-910
£417**



**SB-700
£239**

Family Run Pro Dealership with Friendly, Knowledgeable Staff. Open 7 days per week. Prices inc VAT. P&P Extra. E&OE.
We are happy to reserve new & used stock for customers planning to visit. Prices are based on current stock at time of compilation January 27th 2012.
Prices are subject to change without notice so please check availability to avoid disappointment. We keep the website updated daily - latest prices available on-line.

WANTED NOW!

We want your good quality cameras and lenses -

CANON EOS 1D/1DS series, EOS 40D/50D/60D, 5D/5D MKII, 7D, EOS 500D/550D/600D etc,
ALL L series lenses especially 300mm f2.8, 400mm f2.8, 500mm f4 and 600mm f4.

NIKON D3S, D3X, D3, D2X, D300/D300S, D200, D7000, D90, D80 etc, ALL lenses especially
200mm f2, 200-400mm, 300mm f2.8, 400mm f2.8, 500mm f4 and 600mm f4.

PENTAX - SONY - PANASONIC systems.

We also want your good quality FILM cameras..

35MM - CANON, NIKON, LEICA, OLYMPUS, MINOLTA, PENTAX, CONTAX systems.

MEDIUM FORMAT - BRONICA ETRS, SQ, GS and RF, MAMIYA 645, RB, RZ, 6/7 and TLR,
FUJI, HASSELBLAD, PENTAX 645MF, 645AF and 6X7 systems.

WE BUY FOR CASH

PART EXCHANGE OR COMMISSION SALE

Collection can be arranged.

contact us at info@mifsuds.com or ring 01803 852400

Coming Soon - Pre-Order NOW!

Powershot G1 X

Combining a large 14.3 MP CMOS sensor, DIGIC 5 processor and exceptional 4x zoom lens the PowerShot G1 X gives you SLR-levels of control and image quality in a compact camera body.

Features

- Large 14.3 MP CMOS, DIGIC 5, HS System
- Compact 4x zoom; Intelligent IS
- 7.5 cm (3.0") vari-angle LCD; OVF
- Full Manual, RAW, DPP
- Full HD, HDMI
- High-speed Burst HQ
- Smart Auto
- Extensive accessories
- HDR mode and ND filter



Part
Exchange
Welcome

Due February

£699

EOS 1DX

The EOS-1D X combines speed with great image quality, to create the next generation camera for professionals. Full frame 18 megapixel sensor with dual "DIGIC 5+" processors sets the standard, and up to 12 frames per second shooting takes it beyond.

Features

- 18.1 MP full frame CMOS sensor
- Up to 12fps plus 14fps High speed mode
- 100-51200 ISO, up to H:204800
- 61 point AF system
- 100,000 pixel RGB AE metering
- Full HD 1080p EOS movie
- Dual "DIGIC 5+" processors
- Clear View II 8.11 cm (3.2") 1,040k LCD
- Ethernet port



Due February

£5299

Mifsuds
.COM
FAMILY RUN SINCE 1954

Mail Order :
01803 852400

Email - info@mifsuds.com

www.mifsuds.com

27-29, Bolton Street, Brixham. Devon. TQ5 9BZ.

PHONE LINES OPEN
MON-FRI 8am - 7pm,
SAT 9am - 5pm,
SUN 10am - 1pm.
SHOP OPEN
MON-SAT 9am - 5pm,
SUN 10am - 1pm.

ffordes

photographic

The U.K.s Largest Used Equipment Specialist

We are commission sales specialists - we part exchange and buy for cash

4/3rds Lenses

Sigma 10-20mm F4-5.6 EX DC HSM	..... Mint- £309
Olympus 11-22mm F2.8-3.5 Zuiko	..... E++ / Mint- £399
Olympus 18-180mm F3.5-6.3 Zuiko	..... E++ £249
Olympus 25mm F2.8 Zuiko	..... E++ £159
Olympus 35mm F2.8 Macro Zuiko	..... E++ £159
Olympus 50-200mm F2.8-3.5 Zuiko	..... E++ £499
Olympus 7-14mm F4 ED Zuiko	..... E++ / E++ £999 - £1,149
Olympus 70-300mm F4-5.6 ED Zuiko	..... Mint- £249
Olympus 8mm F3.5 FishEye Zuiko D	..... Mint- £549
Olympus 9-18mm F4-5.6 ED Zuiko	..... Mint- £339

Lenses - Micro 4/3rds

Panasonic 100-300mm F4-5.6 G OIS	..... E++ / Mint- £339 - £359
Panasonic 14-140mm F4-5.8 OIS HD	..... E++ / Mint- £439 - £499
Panasonic 14-42mm F3.5-5.6 ASPH OIS	..... E++ / Mint- £79
Panasonic 14-45mm F3.5-5.6 ASPH G Vario	..... Mint- £179
Panasonic 14mm F2.5 ASPH	..... Mint- £159
Panasonic 20mm F1.7 G Pancake	..... Mint- £219
Panasonic 7-14mm F4 G Vario	..... Mint- £849

Bronica ETRS/SI

ETRS Complete	..... E++ £299
ETRS Complete + AEI Prism	..... E++ £249
45-90mm F4-5.6 PE	..... E++ £449
50mm F2.8 E	..... E++ £109
75mm F2.8 EI	..... E++ £79
100mm F4 PE Macro	..... E++ £249
105mm F3.5 E	..... E++ £89
105mm F4.5 PE Macro	..... E++ £249
135mm F4 PE	..... E++ £249
150mm F3.5 E	..... As Seen / Unused £29 - £149
150mm F3.5 PE	..... E++ £149
200mm F4.5 E	..... As Seen / Unused £79 - £249
200mm F4.5 PE	..... E++ / Unused £129 - £279
200mm F5.6 E	..... E++ £129
250mm F5.6 E	..... As Seen / E++ £79 - £159
250mm F5.6 PE	..... E++ £199
2x Converter E	..... E++ £79 - £89
220 E Insert	..... Unused £19
Polaroid Mag E	..... E++ / E++ £25 - £75
Polaroid Mag EI	..... Unused £59
AEI Meter Prism	..... E++ £79 - £99
Prism Finder E	..... Exc / E++ £39 - £59
Rotary Finder E	..... As Seen / E++ £59 - £99
Extension Tube E14	..... E++ / Unused £49 - £89
Extension Tube E28	..... E++ £79
Motordrive E	..... E++ £99
Proshade E	..... E++ / E++ £35 - £45
SCA386 Flash Adapter	..... E++ / E++ £35 - £59

Bronica GS1

GS1 Complete + AE Prism	..... E++ £449
GS1 Complete	..... E++ £349
GS1 Body Only	..... E++ £179 - £199
50mm F4.5 PG	..... E++ £249
65mm F4 PG	..... E++ £129
100mm F3.5 PG	..... As Seen £49
110mm F4 PG Macro	..... E++ / E++ £199 - £249
150mm F4 PG	..... E++ £139
200mm F4.5 PG	..... E++ £199
250mm F5.6 PG	..... E++ / Unused £249 - £299
1.4x Teleconverter G	..... E++ £125
Polaroid Mag G	..... E++ / E++ £35 - £69
AE Prism Finder G	..... E++ / E++ £125

Bronica RF645 - Please Call Bronica S2A/EC/ECTL - Please Call

Bronica SQA/AI/B

50mm F3.5 PS	..... E++ £199 - £225
50mm F3.5 S	..... E++ £129 - £149
65mm F4 PS	..... E++ / Unused £99 - £249
110mm F4 PS Macro	..... E++ £249
150mm F3.5 S	..... As Seen / E++ £39 - £99
150mm F4.5 PS	..... As Seen / Mint- £69 - £199
200mm F4.5 PS	..... Exc £49
200mm F4.5 S	..... E++ / E++ £129
250mm F5.6 PS	..... E++ £199
2x Teleconverter S	..... E++ / E++ £69 - £99
SQA 220 Mag	..... Exc / E++ £25 - £59
SQA 220J Mag	..... E++ / Unused £49 - £75
Polaroid Mag S	..... E++ £35 - £49
AE Prism Finder S	..... E++ £199
AE Prism Finder S	..... E++ / E++ £99 - £149
CDS MF Finder S	..... E++ £79
Prism Finder S	..... E++ £79 - £89
Prism Finder S	..... E++ £59 - £79
Waist Level Finder S	..... Unused £59
Motordrive S	..... E++ / E++ £119
Speed Grip S	..... E++ / Unused £149 - £239
Autobellows S	..... E++ / Unused £29 - £59
Proshade S	..... E++ / Unused £29 - £59
SCA386 Flash Adapter	..... Mint- £35

Canon EOS

EOS 1N RS Body Only	..... E++ £299
EOS 1N + E1 Booster	..... E++ / E++ £199 - £249
EOS 1N Body Only	..... E++ £129
EOS 1 + E1 Booster	..... As Seen £139
EOS 1 Body Only	..... E++ £179
EOS 3 + E2 Booster	..... E++ £179
EOS 3 Body Only	..... As Seen / E++ £79 - £149

EOS 30 + 28-90mm USM	..... E++ £79
EOS 30 Body Only	..... E++ / E++ £49 - £79
EOS 30E Body Only	..... As Seen £39
EOS 33 + 28-90mm	..... E++ £109
EOS 33 Body Only	..... E++ £79
EOS 5 + V610 Grip	..... E++ / E++ £59 - £69
EOS 5 Body Only	..... E++ £49
EOS 5 QD Body Only	..... E++ £49
EOS 50 + BP50 Grip	..... E++ £49
EOS 50E + BP50 Grip	..... As Seen / E++ £39 - £69
EOS 50E Body Only	..... E++ £59
EOS 300 Body Only	..... E++ / E++ £20 - £29
EOS 3000 Body Only	..... E++ / E++ £19 - £25
EOS 3000V Body Only	..... E++ £25
EOS 300V Body Only	..... E++ £35
10-22mm F3.5-4.5 EFS	..... E++ / Mint- £499
16-35mm F2.8 L USM	..... Mint- £799
17-35mm F2.8 EFS USM	..... E++ £599
18-55mm F3.5-5.6 IS EFS	..... Mint- £39
18-135mm F3.5-5.6 IS USM	..... E++ £199
20mm F2.8 USM	..... E++ £279
24mm F3.5 L TSE	..... E++ / E++ £799 - £839
24-70mm F2.8 L USM	..... Mint- £829
24-105mm F4 L IS USM	..... E++ / Mint- £679 - £699
28mm F2.8 EF	..... E++ £89
28-105mm F3.5-5.6 USM	..... Unknown / E++ £129
18mm F4 MM	..... E++ £129
28-135mm F3.5-5.6 IS USM	..... E++ £239
28-200mm F3.5-5.6 USM	..... E++ £169
28-300mm F3.5-5.6 L IS USM	..... E++ / Mint- £1,599
35-135mm F4-5.6 USM	..... E++ £99
55-200mm F4-5.6 USM II	..... E++ £99
70-200mm F2.8 L IS USM	..... E++ / Mint- £1,049 - £1,149
70-200mm F2.8 L USM	..... E++ £829
70-200mm F4 L USM	..... E++ £419
70-300mm F4-5.6 DO IS USM	..... E++ / E++ £629 - £699
75-300mm F4-5.6 IS USM	..... E++ £259
75-300mm F4-5.6 USM III	..... E++ £109
80-200mm F4-5.6 EF	..... E++ £49
90mm F2.8 TSE Shift	..... E++ £799
100-400mm F4-5.6 L IS USM	..... E++ £949
135mm F2.1 USM	..... E++ £749
180mm F3.5 L Macro USM	..... E++ / Mint- £849 - £899
200mm F1.8 L USM	..... Exc / E++ £1,699
200mm F2.8 L USM II	..... Mint- £499
300mm F4 L IS USM	..... E++ £869
400mm F5.6 L USM	..... E++ / Mint- £929 - £949
Cosina 28-210mm F3.5-5.6 MC	..... E++ £49
Sigma 10-20mm F4-5.6 DC HSM	..... E++ £309
Sigma 15-30mm F3.5-4.5 EX DG	..... E++ £249
Sigma 18-50mm F2.8 EX DC Macro	..... Mint- £239
Sigma 20mm F1.8 EX DG	..... Mint- £319
Sigma 28-105mm F2.8 EX DC AF	..... E++ £69
Sigma 28-200mm F3.8-5.6 DC	..... E++ £39
Sigma 50-500mm F4-6.3 Apo DG HSM	..... E++ £499
Sigma 70-210mm F2.8 Apo	..... E++ / E++ £299
Sigma 70-210mm F3.5-4.5 Apo	..... Unused £89
Sigma 70-210mm F4-5.6	..... E++ £29
Sigma 70-210mm F4-5.6 Apo AF	..... E++ £69
Sigma 70-210mm F4-5.6 UC AF	..... E++ £29
Sigma 70-300mm F4-5.6 Apo Macro	..... Unknown £109
Sigma 100-300mm F4 EX Apo DG	..... E++ £599
Sigma 120-300mm F2.8 EX HSM Apo DG	..... E++ £999
Sigma 150-500mm F5-6.3 Apo DG OS HSM	..... E++ £649
Sigma 170-500mm F5-6.3 Apo	..... E++ £349
Sigma 180mm F5.6 Apo Macro	..... Unused £129
Sigma 300mm F4 Apo	..... E++ / Unused £199 - £259
Sigma 400mm F5.6 AF	..... As Seen / E++ £99
Sigma 400mm F5.6 Apo AF	..... E++ £349
Tamron 70-300mm F4-5.6 Di Macro	..... E++ £39
Tamron 80-210mm F4-5.6 AF	..... E++ £39
Tokina 16-50mm F2.8 ATX Pro DX	..... Mint- £499

Collectables & Misc

Yashica 200AF + 35-70mm	..... E++ £79
Yashica 200AF Body Only	..... E++ £39
Yashica 230AF + Sigma 28-70mm	..... E++ £59
Yashica 270AF + 28-70mm	..... E++ £49
Tessina 35L Outfit	..... E++ £39
Yashica 44 Twin Lens Reflex	..... E++ / E++ £125 - £145
Seagull 44-109 Twin Lens	..... E++ £99
Panorlux 6x17cm Panoramic + 90mm F5.6	..... E++ £2,250

Ricoh Auto 66 Twin Lens	..... E++ £125
Tessina Automatic 35	..... E++ £299
Regula Citalux 300	..... Mint- £250
Yashica D Twin Lens Reflex	..... As Seen £99
Yashica FX-70 Quartz Body Only	..... E++ £39
Yashica FX-D Quartz + 35-105mm + Flash	..... E++ £99
Yashica FX-D Quartz Body Only	..... E++ £39
Yashica FX70 Quartz Body Only	..... Unused £49
Contax II - 50mm F2	..... E++ £249
Contax II - 50mm F2	..... As Seen £175
Contax IIIA + 50mm F1.5	..... E++ £299
Contax IIIA + 50mm F2	..... E++ £299
Zeiss Ikon B	..... As Seen £45
Plaubel Makina 1	..... As Seen £195
Alpa Mecure 11a Body Only	..... Mint- £699
Alpa Model 10d Body Only	..... E++ £1,199
Alpa Recorder 36 + 75mm F3.8	..... E++ £299
Alpa Reflex Model 6 Body Only	..... Mint- £1,099
Alpa Reflex Model 6C Body Only	..... E++ £1,199
Nikon S3 Millennium + 50mm F1.4	..... Mint / Unused £1,650 - £2,250
Sigma SA3000 Q/Date + 35-80mm	..... Unused £99
Kowa Six Complete + Prism	..... E++ £199
Kowa Super 66 + Mag	..... E++ £149
Kowa Super 66 Complete	..... E++ £179 - £199
Pentax Six TL + Meter Prism	..... Exc £69
Contarex Super Electronic + 50mm F2	..... E++ £1,099
Contaflex TLR + 50mm F1.5 + 85mm F2	..... E++ £1,750
Tower Type 3 + 50mm F2 Nikkor	..... As Seen £299

Contax 645 Series

35mm F3.5 Distagon	..... E++ / E++ £999 - £1,199
45mm F2.8 Distagon	..... E++ £699
45-90mm F4.5 Vario	..... E++ £159
55mm F3.5 Distagon	..... Mint- £849
120mm F4 Apo Macro	..... E++ / E++ £1,099 - £1,199
140mm F2.8 Sonnar	..... E++ / Unused £499 - £549
210mm F2.8 Sonnar	..... E++ / Mint- £549 - £699
Cable Switch L50	..... E++ £29
MBF-2 Polaroid Mag	..... E++ / E++ £49 - £199
NSB1 Flash Bracket	..... Mint- £179

Contax G Series

G2 + 45mm F2	..... E++ / E++ £549 - £599
TLA140 Flash	..... E++ / Mint- £39 - £59

Contax SLR Series

N1 + 24-85mm	..... E++ £499
N1 Body Only	..... E++ £249
NX + 28-90mm	..... E++ / Unused £249 - £499
AX Body Only	..... Exc / E++ £179 - £299
RX Body Only	..... As Seen / E++ £149 - £229
S2 Body Only	..... E++ £449
ST Body Only	..... E++ / E++ £229 - £299
RTS + Winder	..... E++ £149
RTS Body Only	..... E++ £125
Aria Body Only	..... E++ / E++ £169 - £199
167MT Body Only	..... E++ / E++ £289 - £399
Preview Body Only	..... E++ / E++ £99 - £249
18mm F4 MM	..... E++ £449
21mm F2.8 MM	..... Mint- £1,349
24-85mm F3.5-4.5 AF	..... Mint- £349
28mm F2.8 MM	..... E++ / E++ £199 - £249
28-70mm F3.5-4.5 MM	..... E++ / Mint- £179 - £279
28-80mm F3.5-5.6 AF	..... New £399
35-135mm F3.5-4.5 MM	..... E++ £599
45mm F2.8 AE	..... E++ £225
45mm F2.8 MC	..... E++ £225
50mm F1.4 AF	..... E++ £499
60mm F2.8 AE Macro	..... E++ / Mint- £499 - £499
70-300mm F4-5.6 AF	..... E++ / Unused £399 - £799
80-200mm F4 MM	..... E++ / Mint- £279 - £339
100mm F3.5 AE	..... E++ £229
135mm F2 (60 Year Edition)	..... Unused £2,499
135mm F2.8 AE	..... E++ £129 - £149
135mm F2.8 MM	..... E++ £199
180mm F2.8 MM	..... E++ / E++ £249 - £449
200mm F2 MM	..... Mint- £3,249
200mm F3.5 AE	..... E++ £169
300mm F4 MM	..... E++ / E++ £299 - £349
Sigma 600mm F8 Reflex	..... As Seen £65
Sigma 1000mm F13.5 Reflex	..... Unused £299
TLA20 Flash	..... E++ / E++ £29 - £39
TLA280 Flash	..... E++ / Unused £79 - £149
TLA30 Flash	..... As Seen / E++ £20 - £39
TLA360 Flash	..... E++ £199
TLA400 Flash	..... E++ £199

Digital Compact Cameras

Canon Ixus 100 HS	..... E++ £159
Canon Powershot G10 + WP-DC28 Housing	..... E++ £249
Canon Powershot G2	..... E++ £99 - £79
Canon Powershot G2 + WC-DC58	..... E++ £129
Canon Powershot G6	..... Mint- £129
Canon Powershot Pro1 + Tele Converter	..... E++ £199
Canon Powershot S70	..... Mint- £99
Canon Powershot SX1	..... E++ £99
Contax TVS Digital	..... E++ £199
Fuji Finepix S5800	..... E++ £75
Leica Digilux 3 + 14-50mm F2.8-3.5	..... E++ £249
Leica Vux 2	..... E++ £449
Leica Vux 20 + Case	..... E++ £399
Leica X1 - Black	..... E++ £449
Leica X1 Silver	..... E++ £499
Olympus XZ-1 Black	..... Mint- £219
Panasonic DMC FZ7	..... E++ £75
Panasonic DMC LX3 - Black	..... Mint- £199
Panasonic DMC-LC1	..... E++ £89
Pentax Optio WP	..... E++ £49
Ricoh GR Digital Creative Set	..... Mint- £259
Ricoh GR Digital Limited Edition	..... Mint- £249
Ricoh GX100 + W/finder	..... E++ £149
Sigma DP2S	..... E++ £319
Sony DSC-T77	..... Mint- £99

Digital Micro Four Thirds

Nikon V1 Black + 10-30mm	..... Mint- £539
Panasonic G1 Body Only	..... E++ / Mint- £159 - £199
Panasonic G2 Body Only	..... E++ / E++ £249
Panasonic G3 Black Body Only	..... Mint- £309
Panasonic G1 Body Only	..... E++ / Mint- £179 - £239
Panasonic GF-2 Black Body Only	..... Mint- £189
Panasonic GF3 Black Body	..... E++ £199
Panasonic GH-2 Body Only	..... Mint- £439
Samsung NX100 + 20-50mm	..... Mint- £199
Samsung NX11 + 20-50mm	..... Mint- £259
Sony NEX-C3 Body + HVL75 Flash	..... Mint- £269

Digital SLR Cameras

Canon EOS 1DS MKII Body Only	..... E++ / E++ £1,349 - £1,499
Canon EOS 1DS Body Only	..... E++ £749
Canon EOS 1D MKIII Body Only	..... As Seen / E++ £599 - £949
Canon EOS 1D Body Only	..... E++ £309
Canon EOS 5D Body Only	..... E++ / Mint- £699 - £729
Canon EOS 7D Body Only	..... E++ £899 - £949
Canon EOS 40D Body Only	..... E++ £379
Canon EOS 20D + BG-E2 Grip	..... E++ £249
Canon EOS 20D Body Only	..... E++ / E++ £159 - £219
Canon EOS 10D Body Only	..... E++ / E++ £129 - £139
Canon EOS 1000D Body Only	..... E++ £229
Canon EOS 500D Body Only	..... E++ £329
Canon EOS 400D + 18-55mm	..... E++ £249
Canon EOS 300D + BG-E1 Grip	..... E++ £169
Canon EOS 350D + 18-55mm	..... E++ £199
Canon EOS 350D + BG-E3 Grip	..... E++ £219 - £229
Canon EOS 350D Body Only	..... E++ / E++ £159 - £179
Fuji S5 Pro Body Only	..... E++ / Mint- £449 - £599
Leica Digital Modular R	..... E++ / E++ £1,950 - £2,450
Nikon D3 Body Only	..... E++ £1,999
Nikon D2X Body Only	..... Unknown / E++ £649 - £749
Nikon D2H Body Only	..... E++ £399
Nikon D1X Body Only	..... Exc £299
Nikon D700 Body Only	..... E++ £1,399 - £1,499
Nikon D300S Body Only	..... E++ / Mint- £799 - £849
Nikon D300 Body Only	..... E++ £679 - £699

Nikon D200 Body Only	..... E++ £379
Nikon D100 + MB-D100 Grip	..... E++ £199
Nikon D100 Body Only	..... E++ £149
Nikon D5000 Body Only	..... E++ £259
Nikon D80 Body Only	..... E++ £279
Olympus E1 + HLD-2 Battery Grip	..... E++ £249
Olympus E1 Body Only	..... E++ / E++ £179 - £199
Olympus E30 Body Only	..... E++ £449
Panasonic L1 + 14-50mm	..... E++ £599
Sony A700 Body Only	..... E++ £399

Hasselblad H Series

H1 Body + AE Prism + Magazine	..... E++ £1,399
35mm F3.5 HC	..... E++ £1,999
50mm F3.5 HC	..... Mint- £1,899
150mm F3.2 HC	..... E++ £1,349 - £1,399
1.7x H Converter	..... Mint- £699
HM 16/32 Magazine	..... E++ / E++ £169 - £369
HM100 Polaroid Mag	..... E++ £129 - £149

Hasselblad V Series

503CW Complete	E++ £1,899
503CW Black Body Only	E++ £499
503CX Complete	E++ £499
501C Complete + PNE51 Prism	E++ £1,499
500CM Black Body Only	E++ £299
553ELX Complete	E++ £1,199
553ELX Chrome Body Only	Mint- £749
500ELX Black Body Only	E++ £449
500ELM Complete	E++ £599
Arc Outfit	E++ / Mint- £2,250 - £2,499
30mm F3.5 CF Fisheye	E++ £2,990
40mm F4 C T* BLACK	E+ £549
50mm F4 C Black	E+ £239 - £299
90mm F4 Classic 2V	Unused £2,999
60mm F3.5 C Black	Exc £249
60mm F3.5 CF	E++ £499
60mm F3.5 CF	E++ £749
60-120mm F4.8 FE	E+ / E++ \$649 - £699
80MM F2.8 CB	E++ £399
120mm F4 CF Macro	E+ / E++ £749 - £849
120mm F5.6 S Planar	E+ £249 - £299
135mm F5.6 C Macro	E+ / E++ £249 - £349
135mm F5.6 S Planar	E+ / E++ £219 - £249
150mm F2.8 F	E++ £249
150mm F2.8 FE	E++ £699
150mm F4 C Black	E+ / E++ £199 - £299
150mm F4 C Chrome	As Seen £99
150mm F4 CF	Exc / E+ £299 - £349
150mm F4 CF	E++ £799 - £899
180mm F4 CF	E+ / E++ £499
250mm F4 FE	E+ / E++ £549 - £599
250mm F5.6 C Black	E+ / E++ £199 - £225
250mm F5.6 C Chrome	E+ £199
250mm F5.6 C Super Achromat	E++ £2,399
350mm F5.6 C Black	Exc £349
1.4x E Converter	E++ £429
1.4x PC Muter Converter	E++ £949
2x E Converter	E++ £279
Cambo 2x Converter	E++ £449
Vhitar 2x Converter	E+ / E++ £45
Teleplus 2x MCG Converter	Mint- / Unused £49 - £79
70 Chrome Mag	As Seen / E+ £35
70/500 Chrome Mag	E++ £199
A12 Black Mag	E+ / E++ £79 - £139
A12 Chrome Mag	As Seen / E+ £65 - £179
A16S Chrome Mag	E+ / E++ £59 - £89
A24 Black Mag	E+ / E++ £49 - £129
A24 Chrome Mag	Exc / Mint- £45 - £125
A24 TCC Black Mag	E+ £139
CFV 16Mp Digital Back	E++ £2,500
CFV II Digital Back	E++ £2,750
E12 Chrome Mag	E++ £249 - £279
E24 Black Mag	E+ / Mint- £199 - £229
Phase One H10 Back	E+ £499
Polarobac Mag	E++ £73
Polarplus Mag	E++ £69
Polaroid 100 Mag	E++ £45
Polaroid 80 Mag	E+ £29
HC4 Prism	E- / E+ £99 - £129
Meler Prism	Exc £45
PM Prism	E++ £149
PM45 Prism	E++ £299
PM5 Prism	E++ £199
PM90 Prism	Exc / Mint- £179 - £299
PM93 Prism	E+ / E++ £269 - £299
PM951 Meler Prism	E++ £399
PM990 Meler Prism	E++ £499

www.ffordes.com

Check Out Our New Look Website

Buy On-Line 24/7 - Shop Open Mon-Fri 9 till 5.30



ffordes

photographic

70-300mm F4-5.6 AFD E+ / E++ £59 - £75
70-300mm F4-5.6 ED AFD E++ £129 - £149
80-200mm F4.5-5.6 AFD E++ £59 - £69
80-400mm F4.5-5.6 AFD VR E+ / E++ £749 - £899
85mm F1.4 AFD Unused £799
105mm F2.8 AF Micro E++ £379
Sigma 12-24mm F4.5-5.6 EX DG HSM
..... E++ £359 - £399

Sigma 15mm F2.8 EX DG Fisheye E++ £359
Sigma 20mm F1.8 EX DG E++ £299
Sigma 20-40mm F2.8 EX DG E++ £199
Sigma 24-60mm F2.8 EX DG E++ £199
Sigma 24-70mm F3.5-5.6 APO DG E++ £59
Sigma 28mm F1.8 EX DG E++ £199 - £259
Sigma 28-300mm F3.5-6.3 DG E+ / E++ £79 - £149
Sigma 30mm F1.4 DC EX HSM E++ £279
Sigma 70-300mm F4-5.6 APO Mint- £79
Sigma 70-300mm F4-5.6 APO DG E++ £99
Sigma 70-300mm F4-5.6 APO Macro Super E++ £109
Sigma 80-400mm F4.5-5.6 APO DG OSE £499 - £599
Sigma 100-300mm F4 EX APO E++ £499
Sigma 120-300mm F3.5 EX HSM APO DG E++ £1,299
Sigma 150-500mm F5-6.3 APO DG HSM E++ £649
Tamron 17-55mm F2.8-4 XR Di E++ £169
Tamron 17-55mm F2.8 XR Di II E++ £229
Tamron 20-40mm F2.7-3.5 SP Asph Unused £229
Tamron 28-75mm F2.8 XR Di E+ / E++ £239 - £249
Tamron 28-300mm F3.5-6.3 LD Macro E+ £79
Tamron 28-300mm F3.5-6.3 XR Unused £169
Tamron 28-300mm F3.5-6.3 XR Di E++ £159 - £199
Tamron 28-300mm F3.5-6.3 XR Di VC E++ £299
Tamron 90mm F2.8 SP Di Macro
..... E+ / Unused £229 - £289

Tokina 12-24mm F4 AF Pro DX ATX MKII Mint- £429
Tokina 16-50mm F2.8 ATX Pro DX Mint- £399
Tokina 20-35mm F2.8 ATX Pro E++ £249
Tokina 24-200mm F3.5-6.3 ATX Unused £129 - £149
Tokina 28-70mm F2.8 ATX E++ £169
Vivitar 28-70mm F2.8 Series 1 Unused £149
Tokina 28-80mm F2.8 ATX Pro Exc £179
Tokina 35-300mm F4.5-6.7 Unused £99
Tokina 80-400mm F4.5-5.6 ATX
..... E+ / Mint- £199 - £249

Zeiss 50mm F1.4 Planar ZF E++ £429
Sigma 1.4x Apo EX Converter E++ £119
Sigma 2x Apo EX Converter Mint- £119
Jessops 2x MC AFD Converter E++ £35
TC16A Teleconverter Unused £99
SC17 Flash Cord E++ £35
SK-6 Bracket E++ £79
Sigma EF50 ST DG TTL Flash E+ £79
Sigma EM 140 DG Macroflash Mint- £249
Sunpak GX8R Ringlight E+ £79
R1C1 Speedlight Commander Set Mint- £399
SB21B Ringflash E++ £109 - £179
SB22 Speedlight E++ £49
SB22S Speedlight E+ £49
SB23 Speedlight E++ £29 - £35
SB24 Speedlight E+ £49
SB28 Speedlight E++ £79 - £89
SB29 Speedlight E+ £179
SB50DX Speedlight E+ £79
SB90D Speedlight E++ £269

Nikon Manual



F3T Titanium Body Only Mint- £699
F3 Black Body Only E+ £299
F3AF Body Only E+ £199
F3HP + MD4 Motor Drive E+ / E++ £199 - £499
F3HP + MF14 Databack E+ £169
F3HP Body Only Exc / E+ £129 - £159
F3 + MD4 Motor Drive E+ £149 - £169
F3 Body Only E+ £129 - £149
F2A Black Body Only Exc / E+ £199 - £249
F2A Chrome Body Only E+ / Mint- £239 - £499
F2S Black Photomic Body Only E+ £399
F2 Photomic Chrome Body Only E+ £165
F Photomic FTN Body Only Exc £149 - £159
FM2N Chrome Body Only E+ / E++ £189 - £199
FM2 Chrome Body Only Exc £99
F6 Chrome Body Only E+ £59 - £65
F620 Chrome Body Only E++ £59
EM Body + MDE Drive E+ £59
EM Body Only E++ £45
NASA F Photomic FTN + 50mm F1.4 Non AI £1,199
National Guard Nikkormat F3 + 50/2 E+ £460
NYPD F Photomic + 50mm F2 E+ £500
NYPD Nikkormat FTN + 135/3.5 E+ £360
Terence Spenser F Photomic + 135/3.5 E+ £900
Terence Spenser F Photomic F + F36 Drive
+ 50mm F2 Exc £1,000
7.5mm F5.6 Fisheye E+ £499
8mm F2.8 AI Fisheye E++ £1,499
28mm F3.5 PC Shift E+ £259
35mm F2 AIS Mint- £450
35mm F2.8 PC Shift E+ / E++ £249 - £349
35mm F3.5 PC Shift E++ £259
35-70mm F3.3-4.5 AIS E+ / E++ £49 - £79
35-105mm F3.5-4.5 AIS Exc / E+ £49 - £149
35-135mm F3.5-4.5 AIS E+ £129
43-85mm F3.5 Non AI E++ / Unused £259 - £399
45mm F2.8 P E++ / Unused £259 - £399
50mm F2 Non AI E+ / E++ £49 - £59
50-300mm F4.5 AI E+ £399
55mm F1.2 Non AI Exc £129
55mm F2.8 AIS Micro Mint- £299
55mm F3.5 AI Micro As Seen £59
55mm F3.5 Non AI Micro Exc / E+ £59 - £79
55mm F3.5 Non AI Micro + Tube Mint- £179
70-210mm F4 Series E As Seen / Unused £29 - £195
80-200mm F4 AIS E+ £129
80-200mm F4.5 AI As Seen £59
105mm F2.5 AI E+ £99
105mm F2.5 AIS E+ £229
135mm F2.8 AI E+ £69
135mm F3.5 AI E+ £65
135mm F3.5 Non AI Exc / E+ £49 - £65

135mm F3.5 Non AI E+ £69
180mm F2.8 AI E++ £299
180mm F2.8 ED AIS E+ / Unused £349 - £699
200mm F2 IFED AIS E+ £1,999
200mm F4 AI Exc / E++ £59 - £95
200mm F4 AIS Micro E+ £299
200mm F4 Non AI E+ £79
200mm F5.6 Medical E+ £399
300mm F4.5 AI E+ £129
300mm F4.5 AIS E++ £175
300mm F4.5 ED AIS Exc £225
300mm F4.5 Non AI E+ / E++ £125 - £149
400mm F5.6 ED AI Exc £649
400mm F5.6 IFED AIS E+ £749
500mm F8 Reflex E++ £225
Zeiss 25mm F2.8 ZF Distagon E++ £529
Zeiss 28mm F2 Distagon ZF Mint- £749
SB11 Speedlight Unused £175
SB12 Speedlight E++ £29 - £39
SB15 Speedlight E+ / E++ £35 - £39
SB16 Speedlight E++ / Mint- £59 - £95
SB16A Speedlight E++ £59
SB17 Speedlight E+ / E++ £35
SB18 Speedlight E+ / Unused £10 - £30
SB20 Speedlight E++ £39 - £49
SB21B Ringflash E+ £149
SD-6 Battery Pack Unused £35 - £50
Slave Controller SU4 Mint- £39
SR2 Ring Light Unit E++ £49

Olympus OM Series

OM4 Black + 50mm F1.8 E+ £149 - £199
OM2SP Black Body Only E+ £119
OM2N Black Body Only As Seen / E+ £49 - £79
OM2N Chrome Body Only E+ £75 - £79
OM1N Chrome Body Only As Seen / E+ £65 - £79
OM40 Black + 50mm F1.8 E+ / E++ £79
OM40 Black Body Only Exc / E+ £49 - £79
OM10 Black Body Only Unused £99
OM10 Chrome + 50mm F1.8 E+ £39 - £69
OM10 Chrome + M/Adapter Unknown £59
OM10 Chrome Body + M/Adapter E+ £39
OM10 Chrome Body Only E+ / Mint- £39 - £59
OM101 + 50mm + 35-70mm + 70-210mm
..... As Seen £99

21mm F3.5 Zuiko E+ £299
28-48mm F4 Zuiko Exc / E+ £39 - £59
35-70mm F3.5-4.5 Zuiko E++ £49
35-70mm F3.6 Zuiko E+ £139
35-70mm F4 Zuiko Exc / E+ £29 - £39
35-105mm F3.5-4.5 Zuiko E+ / E++ £69 - £99
50mm F1.8 Zuiko Unused £75
50mm F3.5 Macro Zuiko E+ £119
50-250mm F5 Zuiko E++ £199 - £349
65-200mm F4 Zuiko E+ / E++ £99 - £159
75-150mm F4 Zuiko Exc £39
80mm F4 Auto Macro Zuiko E+ £225
80mm F4 Macro Zuiko E+ / E++ £175 - £199
135mm F4.5 Zuiko Macro E+ £249
300mm F4.5 Zuiko E+ £99
400mm F6.3 Zuiko E++ £599
F280 Flash E+ £49 - £79
T10 Ringflash E+ £75
T18 Flash E+ / E++ £10 - £15
T20 Flash E+ / Unused £9 - £29
T28 Flash Head As Seen £49
T32 Flash E+ / Unused £15 - £69
T45 Hammerhead Flash E++ £175

Pentax 645 Series

645N + 45-85mm F4 FA E++ £799
645 + 45-85mm E+ £469
45mm F2.8 A E+ / E++ £229 - £249
45-85mm F4.5 FA E+ / E++ £599 - £649
55mm F2.8 A E++ £225
55-110mm F5.6 FA Mint- £699
80-160mm F4.5 A E+ / E++ £299 - £399
80-160mm F4.5 FA E++ £699
150mm F3.5 A Unknown / E+ £159 - £229
120 Insert E+ £49 - £79
220 Insert E+ / E++ £30 - £59

Pentax 67 Series

67II Body Only Exc £549
35mm F4.5 Fisheye Takumar E+ £650
55mm F3.5 Takumar E++ £199
55mm F4 SMC E+ / E++ £259 - £299
75mm F4.5 Shift Exc £329
75mm F4.5 Takumar E+ £149
105mm F2.4 Exc / E++ £99 - £199
135mm F4 Macro Takumar Exc / E+ £149 - £159
150mm F2.8 Takumar E+ £99
165mm F2.8 As Seen / E+ £99 - £199
200mm F4 E+ / E++ £139 - £199
200mm F4 Takumar E+ / E++ £119 - £199
300mm F4 E+ / E++ £199 - £349
300mm F4 Takumar As Seen / E+ £159 - £349
500mm F5.6 E++ £699 - £1,399
800mm F4 Takumar E+ £2,499
T6-2x Rear Converter E++ £99
Vivitar 2x Converter E+ / E++ £49 - £79
Extension Tube 1 E+ £35
Extension Tube 2 E+ £35
Extension Tube Set E+ / E++ £65 - £75
Extension Tubes 2-3 E++ £49

Pentax AF

Z1-P Body Only E++ £79 - £99
Z1 Body Only E+ / E++ £59 - £69
Z50P + 35-80mm E++ £59
MZ5N Body Only E++ £49
MZ5 + 28-80mm E+ £79
MZ50 + 28-80mm As Seen £39
MZ30 + 35-80mm E+ £35
MZM + 35-80mm E+ / E++ £59
MZ-M Body Only E++ £39
SFXN + 35-105mm E++ £79

SFXN Body Only E++ £39
SFX Body Only As Seen £39
SF7 + 28-80mm E+ £39
17-28mm F3.5-4.5 Fisheye F E++ £199
18-35mm F4-5.6 FA J Mint- £149
18-55mm F3.5-5.6 DA AL E++ £49
18-55mm F3.5-5.6 DA AL WR E+ £79
28-70mm F3.5-4.5 FA AL E++ £49
28-70mm F4 FA AL E++ £69 - £75
28-80mm F3.5-4.5 SMC F E+ £35
28-80mm F3.5-5.6 FA E+ / E++ £49
50-200mm F4-5.6 DA ED E++ / Mint- £79 - £109
50-200mm F4-5.6 DA ED WR Mint- £99
55mm F1.4 DA* SDM E++ £449
70mm F2.4 DA Limited Edition Mint- £359
80-200mm F4.7-5.6 F E++ £59
80-200mm F4.7-5.6 FA E++ £89
200mm F2.8 DA* ED (F) SDM Mint- £629
Sigma 18-250mm F3.5-6.3 DC OS Mint- £269
Tamron 18-200mm F3.5-6.3 XR Di II Mint- £109
Tamron 28-200mm F3.5-5.6 XR E+ / Mint- £89 - £119
Tamron 28-300mm F3.5-6.3 XR Di E++ £159
Tamron 70-210mm F4.5-5.6 AF E+ £39
Tokina 35-300mm F4.5-6.7 Unused £99
AF240FT Flash E++ £19
AF330FT2 Flash E+ £49
AF400FT2 Flash E+ / E++ £59 - £99
AF500FT2 Flash E+ / E++ £99
Data Back FG (MZ5) Mint- £45
Digital Data Back M E++ £49
FG Grip E++ / Mint- £29 - £39

Pentax Manual

Super A Body Only E+ / E++ £79 - £89
Program A Body Only E+ £59 - £69
P30T + 28-80mm E+ £49
P30T + 50mm F2 E+ £49
K2 Chrome Body Only E+ £75
KM Chrome + 55mm F1.8 SMC E+ £99
MX Chrome + 60mm F1.7 E+ £129
K1000 Chrome Body Only As Seen £49
MEF + 50mm F1.7 E+ £79
MV1 Black Body Only E+ £39
A3 Body Only E+ / E++ £39 - £49
15mm F3.5 SMC M E++ £449
17mm F4 SMC Fisheye E+ £449
20mm F4 SMC M E+ £239
24-35mm F3.5 SMC M E+ £149
28-50mm F3.5-4.5 SMC M E+ / E++ £49 - £75
28-80mm F3.5-4.5 A E+ £49
35-70mm F2.8-3.5 SMC A As Seen £39
35-70mm F2.8-3.5 SMC M E+ £39
35-70mm F3.5-4.5 SMC A E+ £59
35-80mm F4-5.6 SMC A E++ £25
40mm F2.8 SMC M As Seen / E+ £49 - £99
40-80mm F2.8-4 SMC M E+ / E++ £39 - £69
50mm F1.4 SMC M E+ £59
50mm F1.7 SMC A E++ £59
50mm F2 SMC M E++ £35
50mm F4 SMC Macro E+ £129 - £149
55mm F1.8 SMC PK E+ £49
80-200mm F4.5 SMC M E+ £35
100mm F2.8 SMC M E+ £99
135mm F3.5 SMC M E+ / E++ £35 - £39
300mm F4 SMC PK E+ / E++ £195
Voigtlander 58mm F1.4 Noklon SLII Mint- £339
Voigtlander 90mm F3.5 Apo Lantitar SLII Mint- £399
AF200S Flash E++ / Mint- £15 - £19
AF200Sa Flash E++ £25
AF220T Flash E++ £19 - £29
AF240Z Flash E+ £35
AF260SA Flash E++ £15 - £29
AF280T Flash E++ £45 - £49
AF400T Flash E++ £175
Motor Drive A E++ £99
MX Winder E+ £29
Winder ME E+ £15
Winder MEII E+ / E++ £25 - £29

Rollei 6000 Series

6008AF Complete E++ £1,899
6008AF Body + Magazine Mint- £1,099
6008 Pro Complete E++ £699
6008 Mk1 Complete E+ / E++ £369 - £399
SLX Mk1 Complete As Seen / E++ £299
50mm F4 HFT Exc / E++ £199 - £299
50mm F4 PQ EL E++ £449
80mm F2.8 HFT E+ / E++ £199
80mm F2.8 PQ Unused £379
120mm F4 PQ Macro E++ £399
150mm F4 EL E++ £499
150mm F4 HFT Exc / E+ £159 - £249
150mm F4 HFT E+ / E++ £149 - £249
150mm F4 PQ E++ £549
350mm F5.6 HFT E+ £349 - £499
2x HFT Converter E+ / E++ £79
120 Insert E+ / E++ £10 - £20
120 Magazine (6006) Exc / E++ £59 - £89
120 Magazine (6008) E+ £99
120 Magazine (6x4.5) 6008 E++ £199
Polaroid Mag 6008 E+ / Mint- £49 - £179
Polaroid Mag SLX6002/3 E+ / E++ £29 - £49
SLX 6x4.5cm Back E++ £59
45 Degree Prism E+ / Mint- £249 - £299
Aluminium Case E+ £69
Autobellows E++ £399
Quick Tripod Coupling E+ / Mint- £35 - £45
SCA356 Flash Adapter E++ £35

120 Magazine (6006) Exc / E++ £59 - £89

6008AF Complete E++ £1,899
6008AF Body + Magazine Mint- £1,099
6008 Pro Complete E++ £699
6008 Mk1 Complete E+ / E++ £369 - £399
SLX Mk1 Complete As Seen / E++ £299
50mm F4 HFT Exc / E++ £199 - £299
50mm F4 PQ EL E++ £449
80mm F2.8 HFT E+ / E++ £199
80mm F2.8 PQ Unused £379
120mm F4 PQ Macro E++ £399
150mm F4 EL E++ £499
150mm F4 HFT Exc / E+ £159 - £249
150mm F4 HFT E+ / E++ £149 - £249
150mm F4 PQ E++ £549
350mm F5.6 HFT E+ £349 - £499
2x HFT Converter E+ / E++ £79
120 Insert E+ / E++ £10 - £20
120 Magazine (6006) Exc / E++ £59 - £89
120 Magazine (6008) E+ £99
120 Magazine (6x4.5) 6008 E++ £199
Polaroid Mag 6008 E+ / Mint- £49 - £179
Polaroid Mag SLX6002/3 E+ / E++ £29 - £49
SLX 6x4.5cm Back E++ £59
45 Degree Prism E+ / Mint- £249 - £299
Aluminium Case E+ £69
Autobellows E++ £399
Quick Tripod Coupling E+ / Mint- £35 - £45
SCA356 Flash Adapter E++ £35

Rollei SL66 Series - Please Call



Rolleiflex SL2000F + 55mm F1.4 (35mm) Condition E++ £349



Bronica 150mm F3.5 E Condition E+ £59



Mamiya RB67Pro Complete (Body, WLF, 120 Mag, 90mm Lens) Condition E+ £299



Canon EOS 20D Digital Body (8 Million Pixels) Condition E+ £159



Panasonic GF-1 Red Body (12MP Micro 4/3rds) E++ £179

All Ffordes used equipment comes with 6 months warranty unless stated otherwise.
We WANT Camera's, Lenses & Accessories for Commission, Part-Exchange or CASH buy - Contact for quote - (by Email) Steve - info@ffordes.com or (by Phone) Alister - 01463 783850



Hasselblad 503CW Complete (Yellow) (Body, WLF, 120 Mag, 80mm CF Lens) Condition E++ £1999



Minolta 3x-1x Macro kit E++ £999



Minolta CL carry case (fits most rangefinder + up to 3 lenses) Condition (20 available) Unused £39



Nikon 45mm F2.8 P Silver (inc hood & filter) Mint- £289



Nikon 80-400mm F4.5-5.6 AFD VR Condition E++ £899

Email: info@ffordes.com

Fax: 01463 782 072

The Kirk, Wester Balblair, Beaulieu, Inverness. IV4 7BQ.

NICHOLAS

CAMERA COMPANY FOR THE AMATEUR/PROFESSIONAL

15 CAMDEN HIGH STREET, LONDON NW1 7JE
TEL: 020 7916 7251 or 020 7387 3355
MON-SAT 10-6pm FAX: 020 7419 1719

www.nicholascamera.com

50 YARDS MORNINGTON CRESCENT TUBE

PHOTOGRAPHER, CAMERA COLLECTOR

NEW UK DIGITAL SLR'S AND LENSES

CANON, NIKON, SONY, ETC. **LOW**

NIKON 600F4, B&D, UNUSED£6195
NIKON 200F2.8, B&D, UNUSED£3250
CANON 70-200F2.8, B&D, UNUSED£1645
SIGMA 120-400 F5.6, B&D, UNUSED£665
PENTAX 67-11 WOODGRIP, UNUSED£295
HASSEL 39mp BACK, -H-, UNUSED£5750
SIGMA 12-24, CAF, B&D, UNUSED£595

PROFESSIONAL DIGITAL MEDIUM

FORMAT, NEW/USED
DIGITAL 28-120mm/IRIS/SHUTTER, CNEG
HORSEMAN VIEW-DIGITA CAMERA KIT CNEG
IMACON SCANNERS-to 6x17cm£ASK

PROFOTO 7x12/2400/7b PROFILASH

LUMEDYNE PORTABLE FLASH KITS
ESSENTIAL

ESOTERICA/EXOTICA/CLASSICA

APCAM MOTOR, HASSEL 500 B&D£ASK
ALFA 360° ROTOCAMERA AS/NEW£4750
ALFA 6c 9d, 10d, 11-SI£NEG
ALFA LENSES 24-500mm£ASK
ARC HASSELBLADS-LENSES 35-75£ASK
BESSA L7/R/L-LENSES 12-90mm£ASK
BRONICA R/L-LENSES 45mm-FNDOR£545
BRONICA EC/S2A, comp. from £145
BRONICA ETR/S-LENSES, etc£ASK
BRONICA SDA/40-500-Accs£ASK
BRONICA 651-50-250-Accs£ASK
BRONICA 60/180P, UNUSED?£375
BRONICA 105/110-1.1, NEW?£NEG
BRONICA ETR/S, B&D, NEW?£425
CANON 10S MK11/AS/NEW£2850-£3395
CANON 10 MK11/B&D AS/NEW£1495-£2275

CANON WFT-62 TRANSMITTER, £345-£499

CANON 10S MK11/B&D AS/NEW£1395-£1995

CANON EOS 1DS/B&D AS/NEW£675-£995

CANON EOS 1D MK11/AS/NEW£745-£1075

CANON EOS 1D/B&D AS/NEW£375-£925

CANON EOS 1D/B&D AS/NEW£645-£925

CANON EOS 50D/550D, 18-55£395-£495

CANON EOS 30D/40D/50D£275-£345

CANON 24.45, 90Tilt&Shift£345

CANON EOS IV/HS AS/NEW£375-£995

CANON EOS 5.30V, 79D, UNUSED£375

CANON F1n AS/NEW, UNUSED£1125

CANON F1 ORIGINAL B&D NEW?£1395

CANON FD 17/20mm AS/NEW£275-£395

CANON FD 24mm f1.4L£645-£995

CANON FD50/100 MACRO/4-TUBE£129-£275

CANON FD 85mm f1.2L£595-£799

CANON FD 50-300mm L-Hood, nice£1475

CANON FD 300f4/300f2.8£345-£1595

CANON FD 400mm f2.8, 8.000mm f5.6£NEG

CANON V70/11-50mm (L39)£NEG

CANON 50mm f2.1 L39£425-£775

CANON EOS 85mm f1.2L II£1225-£1575

CANON EOS 142.8L/1.1£1195-£1695

CANON ZEISS 85f1.4MF£745-£875

CANON EOS 15mm FISHEYE£395-£495

CANON 24mm f1.4L II£995-£1245

CANON 85mm f1.2L II£1099-£1495

CANON 50/60/100 MACRO£1095-£1495

CANON 135mm f2.8L II£645-£795

CANON 135f2.8 SOFTFOCUS£245-£325

CANON 300mm f2.8L II£1425-£3275

CANON 300mm 14L/IS/NEW£999-£1045

CANON 400mm f2.8L II£2850-£3995

CANON-SIGMA 400f5.6 HSM£575

CANON 600mm 14L/IS£3475-£5950

CANON-TAMRON 11-17/10-24£9325

CANON-TAKNA 10-17mm FISHEYE£445

CANON 18-35 f2.8L II£745-£995

CANON 17-35mm f2.8L£525-£745

CANON EOS 17-40L/AS/NEW£445-£545

CANON EOS 20-35 f2.8L£475-£575

CANON EF-S 18-22mm AS/NEW£475-£575

CANON 15-85 NEW, W/O Box£545

CANON EF-S 17-55f2.8£495-£595

CANON 24-70 f2.8L/AS/NEW£745-£975

CANON 24-105mm L/NEW£645-£775

CANON 28-70 f2.8L/AS/NEW£575-£725

CANON 28-300L/AS/NEW£1395-£1875

CANON 35-350mm L/AS/NEW£795-£1045

CANON 70-200 f2.8L/IS£795-£1475

CANON 70-200f2.8L/IS, NEW?£1695

CANON 70-200 14L/IS£375-£825

CANON 100-400L/IS B&D UNUSED£845-£1125

CAF-SIGMA 120-300f2.8£1295-£1695

CAF-SIGMA 120-300f4 AS/NEW£875

CAF 12-24 TAKNA-DX/SIGMA£365-£545

CANON EX SPEEDLITES£125-£325

CANON MR14 RINGFLASH£325-£375

CAF SIGMA EM140 M-FLASH£185-£245

CONTACT N1 BODY/UNUSED£345-£595

CONTACT 24-85AF/NEW?£325-£495

CONTACT 25, 28mm/28f2£195-£375

CONTACT 85f1.4/35f2£375-£975

CONTACT T, B&D/NEW£275-£595

CONTACT T2, GOLD/BLACK NEW?£627-£725

CONTACT DATABACK-T2 GOLD£145

CONTACT T2 TITAN/AS/NEW£275-£375

CONTACT T3 BOXED AS/NEW£745

CONTACT T3AR/NEW, 70YR£395-£775

CONTACT TVS2/3/BLACK/NEW£ASK

CONTACT 645-80f2 Back£1495-£1995

CONTACT 645-80f2 AS/NEW£1495-£1995

CONTACT 645 35mm, 120MMAKRO£1195-£1795

CONTACT G2-45mm/BLACK/NEW?£575-£995

CONTACT G-LENSES/BLACK/NEW£ASK

DALLMEYER 5cm f1, T Mount£ASK

ENLARGERS-From 35mm-10x8£ASK

EKAKITA VV, VARIOUS-LENSES£ASK

FLUID HEAD/OTHER TRIPODS£ASK

COME TO SHOP

FUJI S1, S2, S3, S5 BODIES£175-£399

FUJI S100S/55, S130/61.3£675

FUJI 645 MF/AF£245-£595

FUJI GSW670/690, 90mm£525-£995

FUJI GSW690, 85mm£845-£1195

FUJI GSW680 MK11, 85mm£1395

FUJI G617-90mm/105mm£1875-£2245

617LENSES 90/105/180/300£1395-£2145

FUJI G617 90-300 LENS/SHADES£145

FUJI G680-111/135mm NEW?£NEG

FUJI G680 MK1-3 Comp. from £495

FUJI G680 LENSES-50-300mm£ASK

FUJI G680 500mm-Accs, rarity£ASK

FUJI G680-111 BEATIE SCREEN£225

FUJI G680-111 220/POLA£145

GANDOLFI/LUIS/5x4-10x8£145

HASSEL PME/5x4/NEW?£845-£1195

HASSEL PM6 90/NEW?£395-£575

HASSEL PM6/BOXED NEW?£345-£575

HASSEL ACUTEMAT-GRID/SPLIT£1495

HASSEL EXPAN 30mm Lenskit/1995-£2345

HASSEL EXPAN 45mm/90mm£375-£595

HASSEL EXPAN CAPS/HOODS£25-£59

HASSEL 180mm CF/AS/NEW£899-£1945

HASSEL 90/55WC/AS/NEW£2575-£2925

HASSEL 202FA, COMP£2225-£2695

HASSEL 205TCC, COMP/AS/NEW£2895

HASSEL 205FCC, COMP/UNUSED£2995

HASSEL E12/E16 Mag, NEW£895

HASSEL 60-120 F/NEW£995-£1995

HASSEL 501/GCM COMP£1195-£1695

HASSEL 503CW, COMP/NEW?£1395-£2625

HASSEL H1, COMP/AS/NEW£1995-£2675

HASSEL H1+PHASE ONE P25£NEG

HASSEL H LENSES 35-300mm £1495-£2295

HASSEL 180mm CF/AS/NEW£795-£1525

HASSEL 150/250mm T1/AS/NEW £345-£999

HASSEL 120mm CF/ME MKRO£995-£1975

HASSEL 140-280mm MKRO£995-£1695

HASSELBLAD H2 COMPLETE NEW£3475

HASSEL 30FISH/CF/CFI£1875-£3795

HASSEL 40mm CF-FLE/AS/NEW£995-£1995

HASSEL 40mm CF-FLE£2595-£3475

HASSEL 250mm FE/AS/NEW£995-£1345

HASSEL/METZ 4504 TTL FLASH£ASK

HASSEL SCA 390 ADAPTER£145

HORSEMAN View for Digital£1795

KONICA HEXAR RF-50mm£875-£1495

LEICA DIGITAL MODULAR-R£2475

LEICA UVIR FILTERS, NEW?£ASK

LEICA SUMARIT-M 35, 50, 75£995

LEICA 1118 BODY£599-£1175

LEICA 5cm, 9cm SUMMICRON SCREW/AS/NEW

LEICA SUMARIT 139 5cm f1.5£475-£595

LEICA ZEISS 25/18mm, NEW£825-£1045

LEICA 21mm, 24mm 12.0MM/AS/NEW£995-£2495

LEICA 28mm 12 APO/BBIT£1775-£2695

LEICA 35mm 12M/AS/NEW£1275-£1795

LEICA 35mm f1.4/AS/NEW£1595-£2845

LEICA 50mm 12, f1.4/AS/NEW£995-£2195

LEICA 75mm f1.4/2A/PO£1995-£2375

LEICA M1.1, 2R, really nice£NEG

LEICA M3, First Body£NEG

LEICA M2, M3, M4-2/P£ASK

LEICA CL/ANVIR body£325-£795

MINOLTA CLC 28, 40, 90 OUTFIT£1699

LEICA M4, CH/BOXED/AS/NEW£NEG

LEICA M4, CH/BOXED/AS/NEW£1699-£2295

LEICA M4-CA, BOXED, UNUSED£325

LEICA M5/L/BOXED-UNUSED£995-£1675

LEICA M6-PLATIN-50f1.4/PLAT£6495

LEICA M6 TITANIUM/UNUSED £1475-£1895

LEICA M6 TITL, CHR/B&D-UNUSED£1795

LEICA M7/BOXED, UNUSED£1375-£2295

LEICA MP/BOXED-UNUSED?£2495

LEICA RB/R/BOXED-AS/NEW£425-£1195

LEICA PROJECTORS/LENSES/NEW£ASK

LEICA MINILUX, B&D-UNUSED?£395

LEICA MINILUX, B&D, NEW?£795

LIMHOV MASTER/TECHNICARDAN£ASK

LIMHOV PORTABLE PRO-FLASH£ASK

MAMIYA PRESS-LENSES 50-250£ASK

MAMIYA RZ67-11, B&D AS/NEW£995

MAMIYA 645 AF COMP£995-£1395

MAMIYA 35/55-110AF/UNUSED £525-£1445

MAMIYA 120-A MACRO 645/AF£995-£999

MAMIYA 77-11 Body£999-£995

MAMIYA 7 LENSES-43mm-210mm£ASK

MAMIYA RZ67/11+110mm£525-£799

MAMIYA RZ PHASE-ONE PLATE, £345-£475

MAMIYAFLEX 55mm/105D/180S£2275

METERS-DAYLIGHT/FLASH, LOTS-OF£ASK

MINOLTA/SONY 15f2.8, 8-4, NEW£595

MINOLTA APO 100-300/400mm£695-£595

MINOLTA/SONY 170-500 SIGMA DG£ASK

MINOLTA/SONY 6008 SIGMA NEW?£475

MINOLTA/SONY 35-105f2.8 TMRN£475

MINOLTA/SONY 50/100mm MACRO£ASK

MINOLTA-AF16, 20, 24, 35, 85, 100£ASK

MINOLTA/SONY 1.4x 2x/PO£225-£375

MINOLTA BYNAX 7, 8/NEW?£115-£375

MINOX MDC/TOURING, BOXED£649

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

NIKON 85f1.4, 90f4, 50CPAL£795-£1175

PENTAX 67 AUTO BELLows£595-£895

PENTAX 67 300/400/500mm£425-£1895

PENTAX MZ-S BODY/UNUSED?£599

PENTAX LX BODY/UNUSED£275-£375

PENTAX 31/43/77mm LIMITED£ASK

PENTAX 35mm FISH 6x7£475-£995

PENTAX 645-DIGITAL AS/NEW£7250

PENTAX 645AF 33-55/35-45-85£NEG

PENTAX 645AF 45/120/80-160£ASK

PENTAX 645 60M/5.6 AS/NEW£ASK

USED Special



Nikon S3 Year 2000
Millennium Model Ltd Edition - Mint
Only **£2699**

USED Special



Leica M7 0.72 Body
Ex++
Only **£1199**

USED Specials from our YATE BRANCH



Leica M7 0.85 Body - Mint
Only **£1650**

Canon 400D & 18-55mm Ex++...£379
Canon A1 & 50mm f1.8 Ex++...£99
Minolta Dynax 7000i & 35-70mm Ex++...£49
Nikon D40 Body Ex++...£149
Olympus OM-4 & 50mm f1.4 Ex++...£199
Rodenstock Rodagon 50mm f5.6 Min...£30
CALL 01454 325302
to enquire or order anything in this box

USED Cameras

CANON	
EOS 5 (35mm) Body Ex++	£89
LEICA	
IIF Body Ex++	£449
IIF D/A Body Ex++	£449
M2 Body Ex++	£799
M2 & 35mm f3.5 Summaron Ex++	£799
M6 Body Ex++	£799
NIKON - AF & MANUAL	
D80 & 18-200mm VR Min...	£699
F3 HP Ex++	£149
F3 Ex++	£189
OLYMPUS	
OM1 & 50mm f1.8 Ex++	£99
OM1 & 50mm f1.8 Ex++	£129
MISC	
Iloca Stereogram Ex++	£299
Zeiss Contarex Bullseye Min...	£599

USED Lenses

CANON - FD, EF & EF-S	
17-85mm f4-5.6 Min...	£269
20mm f2.8 FD Ex++	£279
24mm f3.5 TS-E Min...	£999
70-210mm f4 FD Min...	£49
70-300mm f4.5-5.6 DO Min...	£849
75-200mm f4.5 FD Ex++	£69
100mm f2.8 Macro Min...	£329
135mm f2L Min...	£729
LEICA	
21mm f2.8 Ex++	£1149
21mm f2.8 Elmarit-M Min...	£1299
35mm f1.4 Asph Summilux Min...	£2999
75mm f1.4 Summilux Min...	£2199
Scm f2 Summicron Ex++	£499
Nooky Close Up Attachment Ex++	£75
Minolta Rokkor 28mm f2.8 Min...	£399
NIKON - AF, AI, AIS	
18-35mm f3.5-4.5 Ex++	£319
20mm f2.8 AFD Ex++	£379

USED Lenses

MORE NIKON - AF, AI, AIS	
24mm f2.8 AF Ex++	£229
28mm f2.8 AFD Ex++	£189
35-70mm f3.5 AI Ex++	£149
60mm f2.8 AFD Macro Ex++	£229
85mm f2 AIS Min...	£279
105mm f2.8D Micro	£299
200mm f5.6 Medical Nikkor Ex++	£449
TC20 Teleconverter Min...	£249
Sigma 50mm f2.8 Macro Min...	£199
Tokina 80-400mm f4-5.6 AF Ex++	£499
OLYMPUS	
16mm f3.5 OM Ex++	£399
28-48mm f4 OM Ex++	£129
35mm f2.8 Shift OM Ex++	£349
35-70mm f4 OM Ex++	£69
35-105mm f3.5-4.5 OM Min...	£99
50-250mm f5 OM Ex++	£199
135mm f2.8 OM Ex++	£49
200mm f4 OM Ex++	£69
PENTAX - PK, PKA, M42	
20mm f4.5 M42 Ex++	£299
85mm f2.2 Soft PK Min...	£299
BRONICA	
SALE - UP TO £110 OFF!	
40mm PS f4 Ex++	£239
110mm PS f4 Macro (Min...	£239
250mm PS f5.6 Ex++	£199
SO AE Finder Ex++	£149
ETRSi & 75mm Min...	£399
MISC	
Contax TLA 200 Flash Ex++	£119
Leica VIOOH Finder Ex++	£99
Panasonic SD20 Camcorder Min...	£139
FLASHGUNS	
Canon 550EX Ex++	£229
Nikon SB-23 Ex++	£39
Nikon SB-28 Ex++	£79
Olympus F280 Ex++	£69
See our website for our full range of quality secondhand	

Panasonic LUMIX DMC-S3



14.1 megapixel, 4x optical zoom, 2.7" LCD, 28mm wide-angle lens, MEGA OIS, iA mode, HD movie recording, LUMIX Image Uploader
FREE 2GB CARD LIMITED STOCK £79

Panasonic LUMIX G DMC-GX1



16 Megapixel, 3" Touchscreen, Full HD Video, Live MOS Sensor & Venus Engine, Advanced AF System With Operation, Full Manual Mode
GX1 Body £479
GX1 & 14-42mm £529
GX1 & 14-42mm X Lens £629

Panasonic 12.5mm f12 3D



Interchangeable 3D lens system
Extremely compact
Light weight body
Contrast AF support
VERY LIMITED STOCK! £179
Long zoom range 100-300mm
200-400mm equiv.
Mega OIS
Contrast AF support
Circular aperture
Multi-coated lens
£449

Canon IMAGE STABILISED BINOS



Some day, all binoculars will be made this way

8x25	£259
10x30	£329
10x42 L	£1269
12x36	£569
15x50	£869
18x50	£999

FUJIFILM X10



12 megapixel, 4x optical zoom, 2.8" screen, 28-112mm f2-2.8 lens, 2/3" EXR CMOS sensor, Fujinon optical zoom viewfinder, luxury design
Only £439

Leica V-LUX 3



12.1 megapixel, 24x optical zoom, full HD movies, new fast AF system
Only £690

ZEISS Lenses At Ace Cameras

Canon ZE & Nikon ZF.2 Fit	Leica M ZM Fit
18mm f3.5 Distagon T*...£1119	15mm f2.8 Distagon T*...£3399
21mm f2.8 Distagon T*...£1449	18mm f4 Distagon T*...£1092
25mm f2.8 Distagon T*...£858	21mm f2.8 Biogon T*...£1092
28mm f2 Distagon T*...£1032	21mm f4.5 C-Biogon T*...£912
35mm f2 Distagon T*...£879	25mm f2.8 Biogon T*...£912
50mm f1.4 Planar T*...£579	28mm f2.8 Biogon T*...£822
50mm f2 Makro Planar T*...£1029	35mm f2 Biogon T* Ikon...£822
85mm f1.4 Planar T*...£1029	35mm f2.8 C-Biogon T*...£642
100mm f2 Makro Planar T*...£1488	50mm f1.5 C-Sonnar T*...£899
	50mm f2 Planar T*...£629
	85mm f4 Tele-Tessar T*...£702

Part exchange is welcome, please call for an estimate

Ace Optics have been supplying top quality products & offering the best service & advice for over 25 years. If you're thinking of making a purchase & need help in making the right choice, please don't hesitate to give us a call & our friendly & knowledgeable staff will be more than happy to oblige. Complete camera systems & other items bought for cash, top prices paid, give us a try.

www.acecameras.co.uk

24 hour despatch £10 (small items £6) - Open Mon - Sat, 8.45am - 6.00pm
Prices & details correct at time of print & include VAT + E&OE

LONDON CAMERA EXCHANGE MANCHESTER

BUY - SELL - EXCHANGE

T:0161 236 5819, @:manchester@LCEgroup.co.uk

Canon 1000 D + 18-55mm	279.00
Canon 1000D + 18-55	279.00
Canon 17-40 L	399.00
Canon 55-250 IS MK I	399.00
Canon 55-250 IS MK I	399.00
Canon 24-105 L IS	649.00
Canon 24-105 L IS	649.00
Canon 24-70mm L	799.00
Canon 100mm L IS	599.00
Canon 50mm F1.8 MK II	79.99
Canon 28-135 IS USM	229.00
Canon 100-400 L IS USM	849.00
Canon 17-85 IS USM	229.00
Canon 24-105mm IS USM	649.00
Canon 28-105 (NO USM)	65.00
Canon 300X + 28-90	39.00
Canon 350D + 18-55	189.00
Canon 350D + 18-55MM	189.00
Canon 400D + 18-55mm	229.00
Canon 400D + 18-55mm	229.00
Canon 40D BODY	399.00
Canon 40D BODY	399.00
Canon 450 D + 18-55mm	349.00
Canon 450D + 18-55 IS	359.00
Canon 50D BODY	499.00
Canon 50D Body	499.00
Canon 50mm F1.4 EF	229.00
Canon 60mm EF-S MACR	249.00
Canon 70-150 FD	29.00

Canon 70-200 F4 IS L	799.00
Canon 70-200mm F4 L IS	799.00
Canon 75-300 MK III	99.00
Canon 75-300MM A/F	99.00
Canon 75-300mm IS A/F	249.00
Canon 80-200mm	59.00
Canon BG-E2N	69.00
Canon BG-E4	79.00
Canon EOS 300 + 28-90	39.00
Canon EOS 40D	399.00
Canon EOS 500 + SIG 28-70	39.00
Canon ET60 HOOD	10.00
Canon EW-60C HOOD	5.00
Coronet MIDGET (BLACK)	129.00
Coronet 3D STEREO	49.00
Cosina 19-35 EOS EF FIT	59.00
Cosina 19-35 PKA MF	59.00
Fuji S5600	49.00
Hoya 135mm F2.8 (M42)	25.00
Kenko Macro tube set. EOS	89.00
Minolta 16MM	19.00
Minolta 16mmMG SPEC EDIT	49.00
Minolta 28mm F2.8 A/F	79.00
Minolta 28mm f2.8 af	79.00

Minolta 500si + 28-80mm	29.00
Misc 62mm 0.5x convlr	19.00
Misc 67mm ND4 FILTER	15.00
Misc Fax Superior	20.00
Misc HEDES METER	29.00
Nikon 105mm F2.8 VR	449.00
Nikon 18-200 VR MK I	349.00
Nikon 18-55mm A/F	79.00
Nikon 35mm f2.8 AIS	89.00
Nikon 70-300 VR	299.00
Nikon 80-400 VR ED	699.00
Nikon 80-200 MK I	399.00
Nikon 16-85 VR	379.00
Nikon 12-24 ED	449.00
Nikon 18-200 VR mk II	429.00
Nikon 55-200mm (silver)	99.00
Nikon 70-300 AF-G	79.00
Nikon D 70 Body	149.00
Nikon D200 + MB-D200	369.00
Nikon D300 BODY	549.00
Nikon D300 BODY	549.00
Nikon D40 & 18-55	249.00
Nikon D40 + 18-55mm	249.00
Nikon D50 + 18-55mm	189.00

Nikon D80 Body	299.00
Nikon ML-L3	10.00
Nikon SB-600	169.00
Nikon SB-600 (macro)	169.00
Nikon SB-800	219.00
Panasonic FZ-45	199.00
Pentax 18-55mm A/F	39.00
Pentax 28mm F2.8 A/F	149.00
Pentax 85MM f2. (P/K.M)	149.00
Pentax KM +55mm F1.8	99.00
Rollei ROLLEIKIN 35mm	39.00
Sigma 10-20mm (EOS FIT)	319.00
Sigma 10-20mm (EOS FIT)	319.00
Sigma 10-20mm (nikon)	319.00
Sigma 24-70 mk I (Nikon)	249.00
Sigma 120-400mm (Canon)	499.00
Sigma 150-500mm (Nikon)	599.00
Sigma 18-125mm (EOS FIT)	149.00
Sigma 18-200mm O/S (EOS)	179.00
Sigma 18-50 f2.8 Nikon fit	199.00
Sigma 24mm F2.8 (MIN)	59.00
Sigma 28-300mm (EOS FIT)	119.00
Sigma 70-300mm APO (EOS)	119.00
Sony 50mm f1.8 SAM	99.00
Tamron 90mm macro f2.8 (EOS)	189.0
Teleplus 2x Converter EOS	89.00
Teleplus2x Converter UM/42	10.00
Tokina 28-85mm M42 screw.	19.00
Tokina 400mm f5.6 (FD-FIT)	49.00
Yashica T4	149.0

We also Part Exchange used for New product

COLLECTION MAY BE ARRANGED
PART EXCHANGE WELCOME

MUCH MORE IN STORE: 37 PICCADILLY PLAZA, MANCHESTER or www.LCEgroup.co.uk

*subject to availability
call 0161 236 5819 to check availability, condition or prices.

CASH WAITING!



We buy all makes and most types of photographic equipment and always offer a fair price...

... and depending on the items you ask us to quote on, you can expect us to beat most genuine offers from elsewhere, possibly by as much as **10%*** - ring or email **NOW** for a **FREE** quote!



URGENTLY REQUIRED...

NIKON. CANON. SIGMA. TOKINA. TAMRON. SONY. OLYMPUS. PENTAX. PANASONIC. ETC. HASSELBLAD. LEICA. ZEISS. ETC.

CASH WAITING! CALL US NOW!
No collection too large!

www.cash4cameras.co.uk

STAFFORD CAMERAS

Unit 2, Parkside Shopping Precinct, STAFFORD. ST16 1TQ.

Email: cash4cameras@ntlworld.com

Tel: **01785 605475**

WANTED FOR CASH

Exclusively... Nikon

HIGHEST PRICES PAID

Grays of Westminster are always seeking mint or near-mint examples of Nikon equipment:

Nikon cameras, AF-D Nikkor lenses, AF-S Silent Wave Nikkor lenses, AF Micro-Nikkor lenses, Nikon Speedlights, Nikkor AIS & AI Manual Focus Lenses

Please telephone 020-7828 4925 or you can email us at info@graysofwestminster.com for our highest offer.

Grays of Westminster

- Exclusively... Nikon

40 Churton Street, Pimlico
London SW1V 2LP



www.graysofwestminster.co.uk

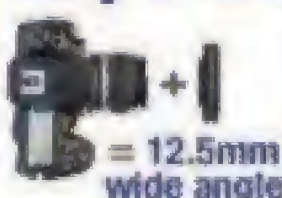
GET SOME PERSPECTIVE WITH HIGH QUALITY CONVERSION LENSES

CONVERT YOUR Nikon Canon PENTAX
18-55mm AF ZOOM: (52mm diameter) (58mm diameter) (52mm diameter)



OUR PRICE
£69.99

0.7X SUPERWIDE



Screw on to the filter thread to obtain 12.5mm wide angle

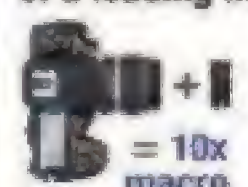


(18-55mm + DSW PRO)

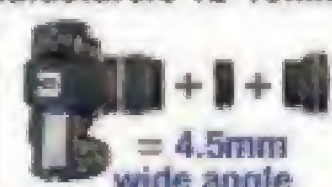
- Multi coated Japanese glass
- An Inexpensive solution
- Compact and Lightweight
- Durable metal construction
- Supplied in protective pouch
- Less dust in your camera
- Endless creative possibilities
- Manufacturers full Warranty

0.25X FISH EYE LENS / MACRO KIT

No loss of resolution, colour, exposure, zoom or autofocus. Great quality at a fraction of the price of a leading manufacturers 12-18mm zoom.



= 10x macro

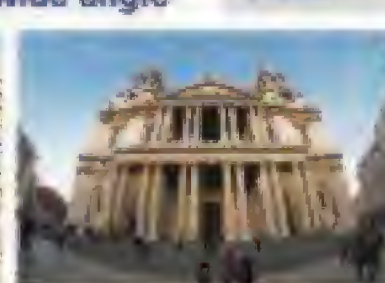


= 4.5mm wide angle

example: an 18mm NOW BECOMES 4.5mm



(Standard 18-55mm lens)



(18-55mm + Fish eye)



FITS ANY same diameter LENS!

OUR PRICE
£99.99

PURCHASE BY PHONE OR ONLINE FROM:

CRK Photographic

Unit 7, Devonshire Business Centre, Cranborne Rd, Potters Bar, EN6 3JR
e:sales@thedarkroom.co.uk t:01707 643 953 www.thedarkroom.co.uk

SRB~Griturn

Quality Photographic Accessories

Square Filters

A+P Filter Holdersfrom **£5.00**
A+P Adaptor Rings.....from **£4.00**
ND Filters.....from **£12.50**



ND or ND Grad Filters (A or P) from **£12.50 each**

Set of 4 ND or ND Grad **£46.00**

Listed Among The Top 10 Landscape Accessories in 'Amateur Photographer' magazine and scores...

max 5 stars ★★★★★

Gold and Value Award In 'Digital Camera' magazine group ND test Sept 2011

Sunset Filters.....from **£12.50**
Colour Filtersfrom **£12.50**
Star Effect Filters.....from **£10.95**
Lee Filters **Stocked**

Round Filters

UV Filtersfrom **£6.00**
Skylight Filtersfrom **£8.00**
Circular Polarisersfrom **£18.95**
ND Filters.....from **£14.00**
Star Effect Filters.....from **£14.00**
Infra Red Filtersfrom **£19.95**
Colour Filtersfrom **£14.00**
Kood Filters, Hoya Filters **Stocked**

Adaptors

Canon EOS - Nikon, OM, Leica R, Contax....from ea **£22.95**
Canon EOS - FD.....from **£55.95**
Micro 4/3 - Canon, M42, Leica M, Nikon, Nikon G,from ea **£39.95**
Micro 4/3 - Tamron....from **£25.95**
Sony NEX - Canon, Nikon, Alpha, Pentax, Leica M.....from ea **£29.95**

This is a tiny example of the adaptors we stock

Macro Accessories

Close Up Lens Sets...from **£25.00**
Coupling Rings.....from **£12.95**
Reversing Ringsfrom **£12.95**
Manual Extension Tubesfrom **£17.50**
Auto Extension Tubes.....from **£79.95**
Bellows Units.....from **£49.95**
NEW LOWER PRICE!!
Right Angled View Finder.. **£39.95**

Stepping Rings

NEW LOWER PRICE!!

All Known Sizes.....from **£2.95**

T Mounts

All Camera Makesfrom **£8.00**

Call for free Catalogue

01582 661878

www.srb-griturn.com

Check site for special offers... eg P Filter Holder + Adapter Ring in Micro Fibre Cleaning Cloth Bag only **£7.95**

Business for Sale

Weekday Wedding Photography Business For Sale

All Enquires to Suzie
01179244877
07900247990
suzie@sdphotography.co.uk
www.weekdayweddingsphoto.co.uk

Black & White Processing

Professional B/W colour printing. Hand
Processing all types of films from 35mm-5x4
Develop and Contacts £5.50 each
2 or more film £4.50 each
Develop, 5x7s @ £12 per roll
All printed on genuine b/w, colour papers.
Phone for price list of all services:
01442 231993
Send cheque + £2
All work sent back recorded delivery
Karl Howard, 16 Chalfont Close,
Hemel Hempstead, Hertfordshire, HP2 7JR

Camera Fairs

CAMERA FAIR BEACONSFIELD.
Sunday 12th February, 10.30am-
2.30pm. Beaconsfield School, Watlington
Rd, Beaconsfield, HP9 1SJ. M40 junc 2
close M25. This is now a no smoking
site. Adm early bird 9:15am £4 after
10:30am £2. Refreshments. Details
Peter Levinson Tel: 0208 205 1518

CAMERA FAIR MANCHESTER, Sun
19th Feb, 11am. Shawe Hall Centre,
Church Rd, Flixton. 07979913156

amateur Photographer

Holidays & Courses

ISLE OF LEWIS : PHOTOGRAPHY COURSE



Enjoy a stunning week's
photography course within the
dramatic scenery of the
Isle of Lewis accompanied by a
renowned landscape photographer
David Wilson
(www.morvengallery.com).

Full board and lodging with resident housekeeper provided
in recently refurbished 7 bedroom Soval Lodge overlooking
Loch Erisort. 7 people required.

One to one tuition and Photoshop provided.
All standards welcome.

16 - 23 June 2012. Only £799 each fully inclusive

Contact: Marie Kershaw 01606 891743 or
mariedkershaw@hotmail.com
www.sovalestate.co.uk

Studios

Basingstoke Photographic Studio

Basingstoke Hampshire 5 minutes M3 - 15 minutes M4
5 minutes Railway Station

Fully Equipped with Elinchrom Lighting
Infinity Cove
Hire by the Hour or Day
Available 24/7
Photoshoots & Studio Days
Changing Room
Free Wi Fi & Refreshments
Free Car Parking



Tel: 01256 363461 Mob: 07854 868801

www.basingstokephotographicstudio.co.uk
email: basingstokephotographicstudio@yahoo.co.uk

Wanted

Peter Loy
COLLECTABLE CAMERA SPECIALISTS

CAMERA COLLECTIONS WANTED
Telephone: +44 (0)20 8867 2751
Call us - we can come to you (UK & Europe)
www.peterloy.com

amateur Photographer CLASSIFIED

Cameras For Sale

Teddington Photographic

Buy and sell used
photographic equipment

www.teddingtonphotographic.com

020 8977 1064

CHISWICK Camera Centre
Visit our secondhand website for a
range of good quality used equipment
www.used.chiswickcameras.co.uk
0208 995 9114
We Buy, P/X or Commission Sale equipment

Bronica ETR 150mm f3.5	£75.00	Nikkor-PC 35mm f3.5	£225.00
Bronica ETR 150mm f3.5PE	£135.00	Nikkor 35-105mm f3.5-4.5 AIS	£165.00
Bronica ETR 50mm f2.8	£69.00	Nikkor 35-70mm f3.3-4.5 AIS	£99.00
Bronica ETR 50mm f2.8 MC	£125.00	Nikkor 35-70mm f3.5 AIS	£175.00
Bronica SQA-I complete	£499.00	Nikkor 43-86mm f3.5 Ai	£75.00
Bronica SQ 50mm f3.5 S	£125.00	Nikkor 50mm f1.4 Ai	£165.00
Bronica SQ 50mm f3.5 S	£125.00	Nikkor-S 50mm f1.4 Pre Ai	£85.00
Bronica SQ 150mm f3.5 Zenzanon S	£125.00	Nikkor Micro 55mm f2.8 AiS	£95.00
Bronica SQ 150mm f3.5 Zenzanon S	£165.00	Nikkor-P 55mm f3.5 Micro P	£85.00
Bronica SQ 150mm f4 Zenzanon PS	£135.00	Nikkor 105mm f1.8 AIS	£349.00
Bronica SQ 150mm f4 Zenzanon PS	£175.00	Nikkor 135mm f2.8 Ai	£150.00
Canon EOS-1DS MkII body	£1,500.00	Nikkor 135mm f3.5 Ai	£59.00
Canon EOS300D + 18-55mm EFS	£175.00	Nikkor 300mm f4.5 AIS	£165.00
Canon EOS350D + 18-55mm EFS mkII	£225.00	Nikkor ED 80-200mm f2.8 AF-D	£699.00
Canon EOS500D + 18-55mm f3.5-5.6 EFS IS	£375.00	Nikkor-P 300mm f4.5 Pre Ai	£75.00
Canon EF-S 10-22mm f3.5-4.5	£399.00	Nikon TC300 Teleconverter	£150.00
Canon EF-S 18-55mm f3.5-5.6 II	£50.00	Olympus OM2 black + 50mm f1.8	£100.00
Canon FD 28mm f2.8	£35.00	Olympus XA + A11 Flash	£75.00
Canon FD 50mm f1.8 SC	£20.00	Olympus XA2 + A11 Flash	£39.00
Canon FD 135mm f3.5	£25.00	Olympus OM 35-105mm f3.5-4.5	£95.00
Canon FD 135mm f3.5 SC BL	£45.00	Olympus OM 50mm f3.5 Macro	£95.00
Canon FD 70-210mm f4	£50.00	Olympus OM 135mm f2.8	£65.00
Canon Extender EF 2X mkII	£295.00	Olympus OM 75-150mm f4	£45.00
Contax T2 boxed	£275.00	Olympus OM 85-250mm f5	£125.00
Contax TVSII boxed	£200.00	Pentax ist DS + 18-55mm f3.5-5.6 AL	£165.00
Fuji S1 Pro body - SALE PRICE	£75.00	Pentax P30 + 35-80mm f4-5.6 SMC-A	£59.00
Hasselblad 503CX complete	£999.00	Pentax P30N + 35-70mm f4 SMC-A	£70.00
Mamiya M645 1000S Prism Kit	£250.00	Pentax P30T + 35-80mm f4-5.6 SMC-A	£70.00
Mamiya M645 210mm f4n	£100.00	Pentax 28-60mm f3.5-5.6 SMC-FA	£25.00
Mamiya M645 Super body	£95.00	Pentax 28mm f2.8 SMC-M	£49.00
Mamiya RB 180mm f4.5 Sekor C	£125.00	Pentax 35-70mm f2.8-3.5 SMC-M	£95.00
Mamiya RB 50mm f4.5 Sekor C	£185.00	Pentax 35-80mm f4-5.6 SMC-A	£15.00
Mamiya RB 150mm f4 SFC	£85.00	Pentax 40-80mm f2.8-4 SMC-M	£50.00
Mamiya RZ 180mm f4.5 W-N	£250.00	Pentax 55-300mm f4.5-8 ED DAL	£195.00
Mamiya RZ 180mm f4 DiI Soft Focus Lens	£199.00	Pentax 100mm f4 SMC Macro Takumar M42 fit	£150.00
Minolta X300 + Sigma 35-70mm f2.8-4	£65.00	Pentax 135mm f3.5 SMC-M Compact	£35.00
Minolta X300 body	£45.00	Pentax 135mm f3.5 SMC-M Compact	£35.00
Minolta X700 body	£65.00	Pentax 70-150mm f4.5 S/Takumar Zoom M42 fit	£150.00
Minolta XM + 50mm f1.4 MC Rokkor-PG	£350.00	Pentax 70-210mm f4 SMC-A	£85.00
Minolta Konica 18-70mm f3.5-5.6 AFDT	£65.00	Pentax 80-200mm f4.5 SMC-M	£69.00
Minolta 28mm f3.5 MD Rokkor	£39.00	Pentax 50-200mm f4.5-6.8 DA SMC	£95.00
Minolta 35-135mm f3.5-4.5 MD	£39.00	Pentax 6x7 35mm f4.5 Fisheye Takumar	£299.00
Minolta 35-70mm f3.5-4.8 MD	£30.00	Sigma 21-35mm f3.5-4.2 II Nikon AIS	£125.00
Minolta 35mm f1.8 MC W.Rokkor-HH	£175.00	Sigma 28-300mm f3.5-6.3 DG Nikon AFD	£149.00
Minolta 50mm f1.4 MD	£60.00	Sigma 70-300mm f4-5.6 APO DG Nikon AFD	£125.00
Minolta 50mm f1.4 MD	£65.00	Sigma 100-300mm f4 APO DG Nikon AFD fit	£649.00
Minolta AF 80-200mm f4 5-6	£45.00	Sigma 135-400mm f4.5-5.6 APO Sony/Minolta	£175.00
Minolta 100mm f3.5 MC Macro Rokkor	£100.00	Sony 18-70mm f3.5-5.6 Alpha Mount	£65.00
Minolta AF 300mm f2.8 APO Tele High Speed	£2,500.00	Sony DT 18-200mm f3.5-6.3	£250.00
Nikon F5 body	£299.00	Sony DT 18-250mm f3.5-6.3	£250.00
Nikon F80D body	£89.00	Sony DT 50mm f1.8 SAM	£85.00
Nikon FM Black Body	£65.00	Tamron AF 18-250mm f3.5-6.3 IF Di II EF-S	£250.00
Nikon FM Black Body	£85.00	Tamron SP 10-24mm f3.5-4.5 Di II EF-S	£250.00
Nikon FM2 body	£175.00	Tokina 17mm f3.5 Auto Wide M42 fit	£95.00
Nikkor 28-50mm f3.5 AiS	£249.00		
Nikkor 28-85mm f3.5-4.5 AiS	£225.00		

MUCH MORE STOCK AVAILABLE VISIT OUR WEBSITE FOR LATEST LISTINGS & CONDITION GRADINGS

www.teddingtonphotographic.com

TEDDINGTON PHOTOGRAPHIC

17 Broad Street, Teddington, TW11 8QZ Tel: 020 8977 1064

info@teddingtonphotographic.com

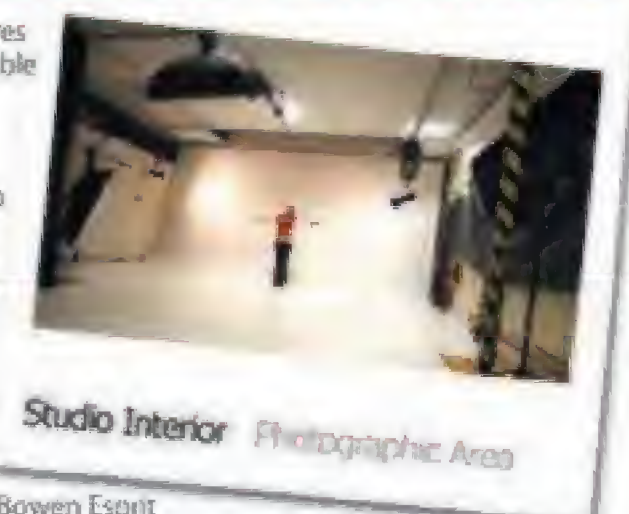
We buy, we sell, we part-exchange

Photographic Studio for Hire

The centrally heated 600sq ft studio (working area: 6.5x7metres
(3.5m high)) is equipped with over 2500 watts of fully adjustable
Bowens lighting plus a wide range of backdrops and props.
Photographers are assured of complete seclusion from any
members of Mi Studio staff while you are working.
The private changing area offers models (& if needed makeup
artists and hair stylists) a secure and comfortable, well lit
environment in which to prepare.
We are totally committed to offering a first class service, to all
of our clients, with continuous training to ensure that the
latest techniques are applied to create your very own
unique masterpiece first time every time.

List of Studio Equipment

Bowen's High-Glide rail system allowing full movement of
the lights including over-head lighting. 5 x 500w & 1 x 750w Bowen Esprit
heads / Soft boxes, snoots, honey comb grids, barn doors, reflectors etc. A selection of colour paper
back drops (3.65metres/12ft wide) to create an infinity curve are standard. A large black velvet backdrop is also
available for maximum light absorption. Large 24" variable speed wind machine. Fog machine.



Studio Interior Photographic Area

For further information on Mi Studio please feel free to
contact us via telephone or email.

Mi Studio, C4, Castle Vale Enterprise Park,

Park Lane, Birmingham, B35 6LJ

Tel: 0121 748 6639 / Mobile: 07811 401219

Email: info@mistudio.co.uk

All major credit cards accepted

MiStudio
PHOTOGRAPHY

cameraworld used equipment

Items packed in Chelmsford (C) 01245 255510 or Wells (W) 0207 636 5005. Please call for description of condition or before making a journey. Our used equipment is covered by our **NO QUIRRE guarantee**. Items > £50 have a 6-month guarantee & items below £50 have a 3-day money back guarantee. Most items are in **Excellent** or **Mint** condition, some are even boxed. If not completely satisfied, return to us within 7-days for your money back.

VISIT US ONLINE AT
cameraworld.co.uk
MAIL ORDER HOTLINE
0844 264 0664
All calls charged at local rate

BRONICA

ETRSi/75mm/AE C	£355
ETRSi/80mm/AE C	£250
105mm f/3.5 MC C	£120
110mm f/4 PG C	£100
135mm f/4 PE C	£135
150mm f/3.5 PS C	£120
150mm f/3.5 MC C	£95
2X CONVERTER E C	£35
AE HEAD FOR SQA C	£82
ETR SPEED GRIP C	£30
ETRS POL BACK C	£25
GSI MAGAZINE C	£30
PRO HOOD SQ C	£25

CANON

EOS 5D C	£705
EOS 7D C	£900
EOS 40D BODY C	£375
EOS 50D BODY C	£375
EOS 400D & 18-55mm W	£220
EOS 450D & 18-55mm IS W	£325
EOS 450D & 18-55mm IS C	£299
EOS 500D & 18-55mm IS W	£350
EOS 30 & 28-80mm C	£115
EOS 30E BODY W	£78
EOS 50E & 28-80mm W	£94
EOS X & 28-90mm C	£48
EOS 300V & 28-80mm USM W	£63
EOS 300V & 35-80mm USM C	£55
EOS 300 & 28-80mm C	£56
EOS 300 & 28-90mm C	£57

CANON 15mm f/2.8 FISHEYE

Excellent Condition
WELLS ST.

£450.00

EOS 300 BODY C	£28
EOS 500N BODY W	£45
EOS 500 & 28-80mm C	£78
EOS 1000FN & 28-80mm C	£48
T70 & 50mm f/1.8 W	£73
POWERSHOT G10 W	£286
POWERSHOT SX200 W	£75
15-85mm f/3.5-5.6 IS USM C	£492
17-40mm f/4L USM C	£545
17-85mm f/4-5.6 IS EF-S USM C	£230
17-85mm f/4-5.6 IS EF-S USM W	£245
18-200mm f/3.5-5.6 IS EF-S USM W	£305
18-200mm f/3.5-5.6 IS EF-S USM C	£341
24-85mm f/3.5-5.6 USM W	£195
24-105mm f/4L IS USM W	£700
24mm f/2.8 FD W	£150
24mm f/2.8 FD C	£51
28-70mm f/2.8L USM C	£615
28-105mm f/3.5-4.5 USM C	£125
28-105mm f/3.5-4.5 USM W	£122
28-135mm IS C	£260
28-135mm IS W	£265
28mm f/2.8 FD C	£29
35mm f/2.8 SSC FD C	£32
35-70mm f/3.5 FD C	£35
50mm f/1.4 USM EF W	£235
50mm f/1.8 EF MKII C	£82
50mm f/1.8 FD C	£57
55-200mm f/4.5-5.6 USM II W	£122
55-250mm f/4.5-5.6 IS USM C	£160
70-210mm f/4 FD W	£42
70-200mm f/4L IS USM W	£805
70-200mm f/2.8L IS USM C	£1250
70-200mm f/2.8L IS USM MKII W	£1650
75-200mm f/4.5 FD W	£45
75-300mm f/4.5-5.6 USM IS W	£295
75-300mm f/4.5-5.6 USM MKIII C	£153
80-200mm f/4.5-5.6 EF C	£87
80-200mm f/4.5-5.6 EF W	£105
100-300mm f/4.5-5.6 EF C	£125
100-400mm f/4.5-5.6L IS USM EF C	£908
100mm f/2.8 USM MACRO W	£355
100mm f/2.8L IS USM MACRO W	£600
100mm f/3.5 FD C	£50
135mm f/3.5 FD C	£42
200mm f/4 FD C	£42
300mm f/4L USM W	£950
1.4X EXTENDER MKII W	£275

CANON 28-70mm f/2.8L IS USM

Excellent & Boxed
CHELMSFORD

£615.00

SIGMA 10-20mm f/4-5.6 DC EX W	£322
SIGMA 10-20mm f/4-5.6 DC EX C	£330
SIGMA 18-200mm f/4-5.6 OS W	£171
SIGMA 18-250mm f/4-5.6 OS C	£225
SIGMA 24-70mm f/2.8 EX DG C	£295
SIGMA 70-200mm f/2.8 APO C	£450
SIGMA 150-500mm f/5-6.3 DG W	£655

TAMRON 11-18mm f/4.5-5.6 LD C

TAMRON 11-18mm f/4.5-5.6 LD W	£300
TAMRON 17-50mm f/2.8 VC W	£225
TAMRON 18-250mm f/3.5-6.3 W	£225

HASSELBLAD 500CM & 80mm

f/2.8 T*

£825.00

TAMRON 28-300mm XR D1 f/4-5.6 C	£155
TAMRON 55-200mm f/4-5.6 C	£60
TOKINA 12-24mm f/4 IF DX W	£400
TOKINA 35mm f/2.8 DX W	£290
TOKINA 80-400mm f/4.5-5.6 C	£400
CANON 420EX W	£102
CANON 430EX C	£115
CANON 580EX W	£269
CANON MR14EX W	£335
CANON TTL CORD W	£40
MARUMIUI DRF14 RINGFLASH W	£112
CANON WINDER F1 C	£30
BG-E3 GRIP FOR EOS 350D & 400D C	£48
VG10 GRIP EOS 5 C	£26
RS60E3 REMOTE W	£13
STE2 TRANSMITTER W	£90

HASSELBLAD

50mm f/4 T* C	£350
150mm f/4 T* C	£300
EXT TUBE 21 C	£30

MAMIYA

RZ67 & 110mm C	£550
37mm FISHEYE f/4.5 RZ W	£400
50mm f/4.5 RZ C	£340
50mm C f/2.8 C	£95
75mm f/4.5W shift lens W	£450
80mm f/2.8 N C	£60
135mm C f/3.5 C	£85
135mm C f/4.5 C	£125
360mm RZ f/4 W	£350
POL BACK RZ67 C	£35
WINDER II R/ANG C	£50
RZ AE PRISM W	£150
RZ POLAROID BK W	£40

LEICA M3

S/WIND
CHROME REPAINT
CHELMSFORD

£677.00

D3000 & 18-55mm VR C	£315
D3100 & 18-55mm VR W	£399
FT2 BLACK BODY W	£95
F2s PHOTOMIC BLACK W	£700
F2 AS BODY C	£850
F3 & MD4 C	£200
F3T BODY C	£463
F4, MB-23, MH20 & MN20 C	£350
F5 50TH ANNIVERSARY BODY W	£900
FG20 & 50mm C	£60
FM BODY C	£85
FE2 BODY BLACK C	£120
F90X BODY W	£85
F801 & 28-80mm C	£55
F801s BODY W	£62
F60 & 28-80mm C	£72
LITE TOUCH 70WS C	£22
COOLPIX L110 C	£117
10.5mm f/2.8G AF-S ED C	£404
12-24mm f/4G AF-S ED DX C	£725
17-55mm f/2.8 DX C	£770
18-70mm f/3.5-5.6 C	£182
18mm f/4 AI C	£650
18-105mm AF-S VR W	£154
18-105mm f/3.5-5.6 VR C	£150
18-200mm f/3.5-5.6 VR MKI W	£440
24-85mm f/3.5-4.5G C	£225
24-120mm f/3.5-5.6 VR W	£200
24-120mm f/3.5-5.6 VR C	£200
24mm f/2.8 AI W	£140
24mm f/2.8 AI C	£180
28mm f/2.8 D C	£197
28mm f/3.5 AI W	£112
28mm f/3.5 AI C	£110
28-105mm f/3.5-4.5 W	£150
35mm f/2 AIS C	£200
35mm f/3.5 PC C	£250
35-70mm f/2.8 AFD C	£600
35-105mm f/3.5-5.6 AF C	£125
35-135mm f/3.5-5.6 AF C	£125

43-86mm f/3.5 C	£60
43-86mm NON AI W	£56
50mm f/1.8 AF-D W	£125
50mm f/1.8 AF-D C	£124
50mm f/1.8 AF-S C	£160
50mm f/1.4 AF-D W	£175
55mm f/2.8 MICRO C	£120
60mm f/2.8G AF-S MACRO C	£297
55-200mm f/4.5-5.6 W	£99
55-200mm f/4.5-5.6 C	£82
55-200mm f/4.5-5.6 VR C	£155
70-200mm f/2.8 VR MKI C	£1100
70-210mm f/4 AF-D C	£85
70-300mm f/4.5-5.6 VR W	£340
70-300mm f/4.5-5.6 VR C	£360
70-300mm f/4-5.6 ED W	£140
80-400mm f/4.5-5.6D VR W	£900
85mm f/1.8D C	£272
85mm f/1.8D W	£250
105mm f/2.5 AIS C	£200
135mm f/2.8 AI C	£125
180mm f/2.8 AI C	£154
200mm f/4 AIS W	£85
200mm f/4 AI W	£145

NIKON 80-400mm f/4.5-5.6D VR

Excellent Condition
CHELMSFORD

£900.00

300mm f/4.5 H C	£100
TC16-A CONVERTER C	£101
SIGMA 12-24mm f/4.5-5.6 W	£500
SIGMA 12-24mm f/4.5-5.6 C	£480
SIGMA 18-200mm f/3.5-6.3 DC C	£123
SIGMA 70-300mm f/4-5.6 DG C	£95
SIGMA 70-300mm f/4-5.6 C	£65
120-400mm f/4.5-5.6 DG OS W	£649
SIGMA 150mm f/2.8 W	£400
150-500mm f/5-6.3 APO OS C	£757
TAMRON 18-250mm f/3.5-6.3 C	£289
TAMRON 55-300mm f/4-5.6 W	£95
TAMRON 70-300mm f/4-5.6 W	£95
TELEPLUS 1.5x Tele-Converter C	£80
TOKINA 12-24mm f/4 AT-X C	£350
TOKINA 28-80mm f/2.8 ATX PRO C	£397
TC-17E II C	£250
M2 TUBE C	£20
AR-3 RELEASE C	£12
DR-3 RIGHT ANGLE C	£35
MD-4 DRIVE FOR F3 C	£55

NIKON F5 50th ANNIVERSARY

Excellent Condition
CHELMSFORD

£900.00

MB-D10 GRIP C	£200
MB-D200 GRIP W	£99
MB-D200 GRIP C	£80
MD11 DRIVE W	£51
MC12A C	£20
MC25 2 PIN ADAP C	£40
MD-12 C	£47
SB22 C	£47
SB29S SPEEDLITE C	£190
SB80DX C	£40
SB800 C	£225
SC17 TTL C	£20
SC29 SB700/900 C	£40
SU-4 CONTROLLER C	£40
SC17 W	£30
ML-L3 REMOTE W	£10

OLYMPUS

PEN E-PL1 & 14-42mm C	£202
PEN E-PL1 & 14-42mm W	£180
PEN E-PL3 & 14-42mm W	£335
PEN E-P2 & 17mm W	£300
OM10 BODY & MANUAL ADAPTER W	£61
TRIP 35 C	£52
PEN EE3 C	£99
XA2 & A11 FLASH C	£70
9-18mm f/4-5.6 C	£450
14-45mm f/3.5-5.6 W	£80
14-140mm C	£400
35-70mm f/4 ZUIKO C	£50
40-150mm f/4-5.6R M.ZUIKO W	£152
50mm f/3.5 ZUIKO MACRO W	£125
50mm f/1.4 ZUIKO C	£35
75-150mm f/4 ZUIKO C	£40
TOKINA 28-70mm f2.8 OM W	£32
OLYMPUS FL36 C	£145
OLYMPUS WINDER II W	£23

PANASONIC

GH1 BODY W	£300
GH1 & MICROPHONE C	£335
GF2 BODY SILVER C	£195
GF2 & 20mm f/1.7 C	£350
G2 BODY W	£260

LUMIX LX5 C

CGK3LK LEATHER CASE FOR LX5 C	£30
LUMIX FX55 C	£100
14mm f/2.5 C	£160

PENTAX

K5 & 18-55mm W	£600
MZ50 BODY ONLY W	£41
ME SUPER & BODY C	£32
ME SUPER & 50mm f/1.7 W	£110
K1000 & 28-50mm W	£155
K1000 & 35-80mm C	£135
K1000 & 50mm f/2 C	£125
SPOTMATIC F & 50mm f/1.8 C	£154
SPOTMATIC F & 50mm f/1.4 C	£200
645,75mm C	£400

PENTAX

35mm f/2.4

Excellent Condition
WELLS STREET

£105.00

20mm f/4 SMC-M C	£150
35mm f/2.4 DA ED W	£105
50-200mm f/4-5.6 DA W	£87
75-150mm f/4 SMC-M C	£41
105mm f/2.8 f/2.5 M42 C	£75
135mm f/2.8 SMC-A C	£50
135mm f/2.5 TAK C	£48
200mm f/4 M42 C	£35
RICOH 50mm f/2 PK FIT W	£16
AF 360 FLASH W	£140
ANGLE FINDER K W	£31
BPM BELLOWS UNIT M42 C	£20

SONY / MINOLTA

NEX 5 & 18-55mm W	£345
ALPHA A500 & 18-55mm W	£400
MINOLTA DYNAX 5D BODY ONLY W	£183
MINOLTA DYNAX 5D & 18-70mm W	£183
MINOLTA 300Si BODY C	£28
MINOLTA 300Si BODY W	£28
MINOLTA 404Si & 28-80mm W	£46
MINOLTA 404Si & TAM 28-105mm W	£67
MINOLTA 500Si & 35-80mm W	£46
MINOLTA 505Si BODY W	£28
MINOLTA 600Si BODY C	£81
MINOLTA 600Si & 28-80mm W	£120
MINOLTA 7000i & 35-80mm W	£77
NEX 16mm f/2.8 W	£125
16-80mm f/3.5-4.5 ZA T* ZEISS W	£429
18-55mm f/3.5-4.5 W	£50
18-70mm f/3.5-5.6 W	£110
30mm f/2.8 SAM W	£125
MINOLTA 28mm f/2.8 AF C	£75
MINOLTA 35mm f/1.4 AF C	£600

SONY

16-80mm

f/3.5-4.5 ZA T* ZEISS
WELLS STREET

£429.00

MINOLTA 50mm f/1.7 AF C	£89
MINOLTA 70-210mm f/3.5-4.5 C	£85
MINOLTA 75-300mm f/3.5-4.5 W	£125
MINOLTA 80-200mm f/4.5-5.6 XI W	£50
MINOLTA 100-300mm f/4.5-5.6 XI W	£70
SIGMA 10-20mm f/4-5.6 EX DC W	£320
SIGMA 18-50mm f/2.8 EX W	£152
SIGMA 18-250mm f/3.5-6.3 DC C	£315
SIGMA 24mm f/1.8 W	£190
SIGMA 50mm f/2.8 MACRO W	£145
TAMRON 28-200mm f/3.8-5.6 XR W	£102
TAMRON 55-200mm f/4-5.6 W	£60
BP-A350 BATTERY GRIP W	£103
SONY HVL58AM W	£200

MISC.

PRAKTICA MTL

Printing


POINT I O I



Professional Giclée Prints from £6.
Easy upload system and free delivery to the UK.



Easy upload at pointioi.com



City Photographic
36, Bedford Place, Southampton. SO15 2DG.
T: 02380 632727/632709

Lab Services

110 & APS!

www.fujiprolab.co.uk

110 & 35mm Film Developing and Printing			Prints from Digital Files		
24 Exposure 6x4	£4.99		6x4" Prints each	6x9" Prints each	
36 Exposure 6x4	£5.99		1-10 Prints 50p	1-10 Prints 1.99p	
24 Exposure 5x7	£6.99		11-20 Prints 40p	11-20 Prints 1.10p	
36 Exposure 5x7	£7.99		21-30 Prints 29p	21-30 Prints 99p	
24 Exposure 6x9	£11.99		31-49 Prints 19p	31-49 Prints 69p	
36 Exposure 6x9	£13.99		50+ Prints 10p	50+ Prints 49p	
Develop Only	£3.49	P&P Extra	8x7" Prints	8x10/12" Prints	
Develop and Contact 10x8	£6.99		1-10 Prints 99p	1-10 Prints £3.49	
Transfer to CD at time of processing	£2.00		11-20 Prints 69p	11-20 Prints £2.99	
APS Film Developing and Printing			21-30 Prints 49p	21-30 Prints £1.99	
4" 25 Exposure	£7.99		31-49 Prints 29p	31-49 Prints £1.29	
4" 40 Exposure	£8.99		50+ Prints 19p	50+ Prints 99p	
Transfer to CD at time of processing	£2.00		10/16x12" Prints		
120 Film Developing and Printing			1-10 Prints 1.99p	1-10 Prints £5.49	
5x4" up to 15 Exposure	£8.99		11-20 Prints 1.10p	11-20 Prints £4.99	
5x7" up to 15 Exposure	£11.99		21-30 Prints 99p	21-30 Prints £3.99	
8x6" up to 15 Exposure	£16.99		31-49 Prints 69p	31-49 Prints £3.10	
10x8" up to 15 Exposure	£19.99		50+ Prints 49p	50+ Prints £2.50	
Transfer to CD at time of processing	£2.00				
In-Store On-Line Mail Order					

Internet Services

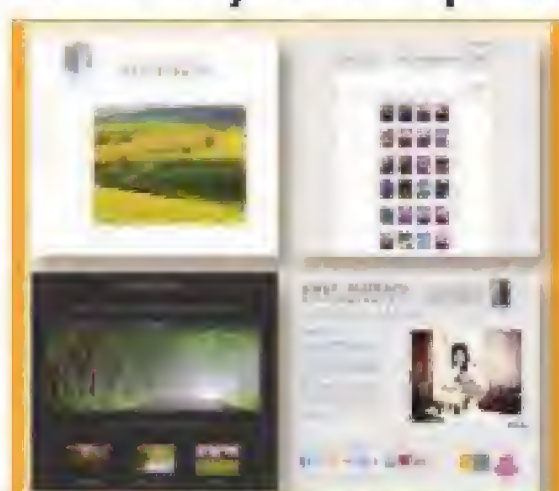
«clikpic»

Websites for photographers

Amazing websites for only £40 p.a.

"I recommend Clikpic to any photographers thinking of building a website."
Amateur Photographer magazine

"Building the website was uncomplicated and completely hassle-free."
Digital Photo magazine



Visit www.clikpic.com for a FREE 14 day trial

Digitise your Archive

Offer ends 31st March 2012



just 60p per scan

Here's a great opportunity to digitise your favourite family film and photos at unbeatable prices!

Available from 35mm / 120 transparencies and negatives and photos / artwork up to 10"x 8".
Minimum of 15 originals per order. Price includes CD.
Images open up to 25Mb and are suitable for prints up to 12"x 8".
The scans created are not colour corrected or restored.
Please allow up to 10 working days for delivery.

PEAK imaging
www.peak-imaging.com

First Class Return Post and Packaging £3.50 per order
Special Delivery £7.50 per order (recommended)

Credit card details with order please to
PEAK IMAGING, Dept AP21, FREEPOST RLSY-YZJX-SLXC, Sheffield S20 3PP

Palm Labs Photographic

Processing & Printing

Palm Laboratory Ltd
69 Rea Street
Birmingham B5 6BB
Established Over 25 Years

PalmLaboratory

- Film Processing
- E6 / Slide / C41 / Neg / B&W
- Process & Print Packages on Kodak Paper
- Digital Package Deals on Kodak Paper
- 35mm / 120 / 5x4 / 10x8 Film's
- Traditional Black & White on Ilford Paper
- Optical Colour Handprints on Kodak Paper
- Drum & Package Scanning Services
- Photographic Poster's on Kodak Paper
- Exhibition & Gallery Print's on Kodak Endura
- Real Photographic Book's on Kodak Paper
- Restoration & Copying Services
- Mounting Services ● Metallic / Gloss / Matt Paper
- Friendly Advice ● Postal Service

0121 622 5504
www.palmlabs.co.uk
palmlabs@btconnect.com



ROGER HICKS

Photography can be simple, so we shouldn't believe everything we are told by so-called 'experts'

PHOTOGRAPHERS are often much too inclined to believe what they are told by 'experts', especially if they are told to do something more difficult or more expensive than what they are doing already. It's as if they feel that photography can't be (or shouldn't be) this easy. I'll start out with a couple of very traditional examples, and then go on to a more modern one.

For the first example, everyone knows that you can't beat a good heavy tripod. And so, countless photographers buy a huge heavy tripod. Then they have two choices. One is to carry this monster as a sort of penance, or possibly as proof that they are serious about their photography. Large-format users mostly fall into this camp.

The other possibility is to look at the tripod, to reflect upon the nature of a game of soldiers, and then to leave it at home.

And yet, the crazy thing is, the load-bearing capacity of a tripod is almost invariably irrelevant. How much do most cameras weigh, after all? Even a 5kg (11lb) large-format camera will not break any half-decent tripod that weighs, in its own right, maybe 3kg (6-7lb). There are two things that really matter. The first is that you should be able to point the camera where you want it, lock it and be confident that it will stay there. The second is vibration resistance. Both are a great deal more to do with design (especially head design) and choice of materials than with weight.

Besides, a moment's thought will reveal that beyond a certain point, it isn't just a matter of diminishing returns. It's a matter of no extra returns at all. Once a camera is held steady, it's held steady. You can't hold it any steadier. Or rather, you can't hold it any steadier in any meaningful way. Sure, the 2000mm f/4 lens that Leitz built for cross-channel photography of radar installations during the Second World War needed a pretty solid support, but are you using a 2000mm f/4 optic on 35mm?

Another example entirely is 'silver-rich' black & white printing paper. Again, it's not hard to work out that there is a maximum black that you are ever going to get, and that using more silver after that will simply not give you any improvement whatsoever. It will just be a waste of silver. A great deal depends

on crystal shape and size, and the surface of the paper. 'Coating weight' (the amount of silver per unit area) is important, but once it reaches a certain level for a given kind of paper, there is no point increasing it. The highest maximum densities tend to come from slow-contact papers, with their tiny crystals and low coating weights. But 'silver rich' is always the cry, and I can remember one manufacturer, some years ago, confessing that they used more silver than was strictly necessary, just as a marketing ploy.

Now for the more modern example. I had quite an argument with someone recently, who pretty much called me a fool to my face for believing that an 18-million-pixel camera would still be tolerable in 20 years' time. 'By that time, it's a safe bet that everything will have at least twice as many megapixels,' he said.

Well, that's possible, but by no means certain. What would it mean if it were true, though? A top-flight 18-million-pixel camera with a good lens will deliver quality that is merely tolerable as an A3 double-page spread

in a magazine, it's true, but at A4, there simply isn't room for any more quality. You could double the megapixel count and you wouldn't see a difference. In fact, it's debatable whether you'd see a difference with an A3 inkjet print.

On the web, where more and more pictures are used, you'd probably be hard put to tell the difference between 6 million pixels and 18 million. Of course, you'd use a different camera for a top-flight, double-page spread in a glossy magazine, or for a 48-sheet poster, but you use a different camera for that today so it is hardly a surprise that you might use a different camera for it in 20 years' time.

All three examples – overweight tripods, 'silver-rich' paper and multi-million pixels – are prize examples of overkill. There are plenty of others, such as using half a gallon of developer for four sheets of 4x5in film – and they're all pointless. There are always two questions that you need to ask yourself, and then to think hard about the answers – harder than most people care to think. The first is: 'Will this get me better pictures?' The second, and more important, question is: 'How?' **AP**

Roger Hicks is a much published author on photography. He has written more than three dozen books on the subject, many in partnership with his wife Frances Schultz. He has been a freelance photographer/writer since 1981, contributing to many magazines. Visit his website at www.rogerandfrances.com

Editorial

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU

Telephone 0203 148 4138 **Fax** 0203 148 8123

Email amateurphotographer@ipcmedia.com

Picture returns: Telephone 0203 148 4121

Email appicturedesk@ipcmedia.com

Subscriptions

Email ipcsubs@quadrantsubs.com

Telephone +44 (0) 844 848 0848.

One year (51 issues) UK £132.60; Europe/Eire €238.18; USA \$338.54; Rest of World £223.67 (all air mail).

Test Reports

Contact OTC for copies of camera test reports published in AP.

Telephone 01707 273 773.

Advertising

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. **Telephone** 0203 148 2516

Email mark_rankine@ipcmedia.com

Classified telephone 0203 148 2929. Fax: 0203 148 8158

Display telephone 0203 148 2516. Fax: 0203 148 8158

Inserts call Innovator on 0203 148 3710

Editorial team

Editor	Damien Demolder
Editor's PA	Christine Lay
Deputy/Technical Editor	Mat Gallagher
Art Editor	Mark Jacobs
Production Editor	Lesley Upton
News Editor	Chris Cheesman
Deputy Production Editor	Breandan Maguire
Deputy Art Editor	Simon Warren
Features Editor	Gemma Padley
Designer	Antony Green
Technical Writer	Richard Sibley
Senior Sub Editor	Oliver Cotton
Technical Writer	Tim Coleman
Features Writer	Oliver Atwell
Photo-Science Consultant	Professor Robert Newman
Studio Manager	Andrew Sydenham
Picture Researcher	Rosie Barratt

Special thanks to The moderators of the

AP website Andrew Robertson, Chris Cool, Fenris Oswin, Henry Rogers, lisadb, Nick Roberts, The Fat Controller

Contributor Ian Farrell

Advertising team

Group Advertisement Manager	Mark Rankine	0203 148 2516
Senior Display Sales Exec	Simon Gerard	0203 148 2510
Display Sales Exec	Richard Mann	0203 148 2637
Area Manager Midlands & North	Rob Selvey	01922 412 720
Group Digital Sales Manager	Mark Rankine	0203 148 2516
Classified Sales Executive	Wendy Robertson	0203 148 2929
Display Ad Production	John Jones	0203 148 2671
Copy Chaser	Kumu Vithlani	0203 148 2645

Marketing and promotions

Senior Marketing Manager	Estelle Hicks-Bennett	0203 148 4321
Online Manager	Karen Sheard	0203 148 4943
SPI Administrator	Nadine Thomas	0203 148 4326

Inserts Innovator Telephone 0203 148 3710

Repro Camden Town Typesetters Ltd **Telephone** 0208 523 6700

Printed in the UK by Wyndeham Group

Distributed by Marketforce, Blue Fin Building, 110 Southwark Street, London SE1 0SU. **Telephone** 0203 148 3333

Publishing team

Advertisement Director	Chris Templeman
Group Magazines Editor	Garry Coward-Williams
Publishing Director	Alex Robb
Managing Director	Paul Williams
Chairman and Chief Executive	Sylvia Auton

All contributions to Amateur Photographer must be original, not copies or duplicated to other publications. The editor reserves the right to shorten or modify any letter or material submitted. IPC Media or its associated companies reserves the right to re-use any submission sent to the letters column of Amateur Photographer magazine, in any format or medium, WHETHER PRINTED, ELECTRONIC OR OTHERWISE. Amateur Photographer® is a registered trademark of IPC Media © IPC Media 2012. Amateur Photographer (incorporating Photo Technique & Camera Weekly) Email: amateurphotographer@ipcmedia.com Website: www.amateurphotographer.co.uk IPC switchboard tel: 0203 148 5000. Amateur Photographer is published weekly (51 issues per year) on the Tuesday preceding the cover date by IPC Inspire, part of IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Distributed by Marketforce (UK) Ltd, Blue Fin Building, 110 Southwark Street SE1 0SU. ISSN 0002-6840. No part of this publication may be reproduced, stored in a retrieval or transmitted in any format or medium, whether printed, electronic or otherwise, without the prior written permission of the publisher or the editor. This is considered a breach of copyright and action will be taken where this occurs. This magazine must not be lent, sold, hired or otherwise disposed of in a mutilated condition or in any authorised cover by way, or by trade, or annexed to any publication or advertising matter without first obtaining written permission from the publisher. IPC Media Ltd does not accept responsibility for loss or damage to unsolicited photographs and manuscripts, and product samples. IPC Media reserves the right to use any submissions sent to Amateur Photographer Magazine in any format or medium, including electronic. The 2012 US annual subscription price is \$276.57, air freight and mailing in the USA by named Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US Postmaster: Send address changes to Amateur Photographer, Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Subscriptions records are maintained at IPC Media, Blue Fin Building, 110 Southwark Street, London, SE1 0SU, England. Air Business Ltd is acting as our mailing agent.

Gold Winners of the What Digital Camera & Amateur Photographer Good Service Award

At Park Cameras we are delighted to inform all of our valued customers that once again we have been awarded a **Gold Good Service Award** for Independent High Street Retailer as recognised by the readers of What Digital Camera and Amateur Photographer.

Whilst our aim has always been to offer our customers the very highest levels of customer service, without our valued customers taking the time to vote receiving awards such as this would not be possible – a big thank you from the entire Park Cameras team with the promise of more of the same in 2012!

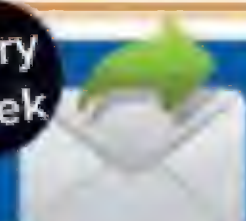


SPECIAL OFFERS

Sign-up to our newsletter

Sign-up to our weekly newsletter to get exclusive promotions, bespoke offers and information on the latest products

Every Week



Epson Stylus Photo 1400 A3+ Printer

Only
£199.00

Save £140

SRP £339.99

Canon PowerShot SX40 HS 35x Optical Zoom

Only
£369.00

Save £90

SRP £459.00

Nikon Coolpix P7100 Total Control

Only
£394.99

Save £105

SRP £499.99

Adobe Photoshop Lightroom 3.0

Only
£199.00*

Save £45

SRP £244.99

Fujifilm FinePix S2950 18x Optical Zoom

Only
£118.00

Save £81

SRP £199.99

Panasonic DMC-S3 London 2012 Limited Edition

Only
£94.00

Save £55

SRP £149.99

Pentax Q + 8.5mm f/1.9 White

Only
£339.00

Save £60

SRP £399.99

Nikon J1 + 10-30mm Intelligent & ultra-portable

Only
£429.95

Save £120

SRP £549.99

SCHOOL OF PHOTOGRAPHY

Visit www.ParkCameras.com/Training for our 2012 course line-up

Wedding Photography Workshop with Peter Prior

(2 Day Course)

Learn the secrets of how to build, operate and grow a successful wedding photography business from one of the UK's renowned photographers on this two day course.

Day two will be held on location at the stunning Ashdown Park Hotel in East Sussex.

2nd & 3rd March 2012



£300
(for 2 Days)

Freelance Photography Workshop with Andrew Hasson

(2 Day Course)

Are you passionate about photography? Would you like to see your photos published and get paid for it?

This course will introduce you to the skills, knowledge and experience to take pictures that will sell to the media and a variety of other markets. Newspapers and magazines rely heavily, if not exclusively, on freelance photographers

15th & 22nd March 2012

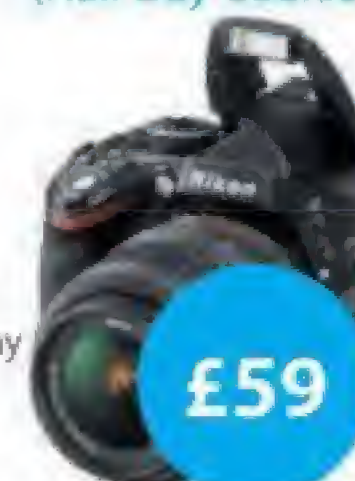
£240
(for 2 Days)

Take better pictures with your Nikon DSLR

(Half Day Course)

Ideal course held in our training suite at Park Cameras, for those who have recently purchased, or are thinking of purchasing a Nikon DSLR camera and require an overview as to how best to use their camera to guarantee the best result. Led by Training Manager Anthony Sinfield.

3rd March 2012



£59

PARKCameras



Tel: 01444 23 70 60 www.ParkCameras.com/AP

York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT

Join, Follow, Tweet & Watch us on



All prices include VAT @ 20%. Opening times Mon-Sat 8:45-5:45pm; Thursday 8:45-7:30pm; Sunday 10:15-4:30pm. Store address: York Road, Victoria Business Park, Burgess Hill, West Sussex RH15 9TT. We accept Visa, Mastercard, Switch/Maestro. Figures in Brackets indicates stock level held at unrepeatable prices at time of going to print. All products are UK stock. E&OE. * = Please mention "Amateur Photographer" for this special price. Prices correct at time of going to press; Prices subject to change; check website for latest prices.

DOWNLOAD
FREE 'BOWIE LITE'
VERSION NOW!



DAVID BOWIE

THE ULTIMATE MUSIC GUIDE

*A thrilling journey exploring Bowie's legacy,
in over **600** interactive pages*

► **LIMITED OFFER - ONLY £2.99** ◀



- Hundreds of rare and unseen photos
- Every album revisited, with audio clips and original album artwork

- Classic interviews from *NME*, *Melody Maker*, *Uncut* and more
- Iconic music videos

Available on the iPad
App Store

TAP HERE TO BUY!

itunes.apple.com/gb/app/david-bowie/id468076099?mt=8

FREE BOWIE LITE

[http://itunes.apple.com/gb/app/bowie-lite/id470826274?mt=8](https://itunes.apple.com/gb/app/bowie-lite/id470826274?mt=8)

Also available as a special limited edition print issue

CLICK HERE TO BUY!
www.nme.com/store



Nikon 1

"IF I WERE A COFFEE MACHINE, YOUR COFFEE WOULD BE READY BEFORE YOU EVEN PRESSED THE BUTTON."



I AM | 1 CLICK AHEAD



I AM THE NEW NIKON 1 J1. And I am intelligent, because I capture images before and after you've fully pressed the button. So you will never miss a moment again. I am a small system with interchangeable lenses and features you've never seen before, like photos that come alive. Or as I call it: the Motion Snapshot. I am life best captured. www.nikon.co.uk

I am your colour of choice:     

2YEAR
WARRANTY

For 2 year warranty on any camera and lens kit simply register your new Nikon within 30 days of purchase. Call 0800 408 5060 or visit www.nikon.co.uk/register.

At the heart of the image

